SERVICE MANUAL

RX353 /RX253 /RX153
RX353L/ RX253L/ RX153L

marantz®

model RX353/353L RX253/253L RX153/153L

Tuner / Amplifier

MARAN IGN AND SERVICE

Using superior design and selected high grade components, MARANTZ company has created the ultimate in stereo sound.
Only **original MARANTZ parts** can insure that your MARANTZ product will continue to perform to the specifications for which it is famous.

Parts for your MARANTZ equipment are generally available to our National Marantz Subsidiary or Agent.

MARANTZ INTERNATIONAL
Vestdijk 9
5600 MD Eindhoven
The Netherlands
Phone: +31/40.758290
Telefax: +31/40.75.82.99
Telex: 35000 PHTC NL routing IND NLMTFAT

ORDERING PARTS:

Parts can be ordered either by mail or by telex. In both cases, correct part number has to be specified.
The following information must be supplied to eliminate delays in processing your order:

1. Complete address
2. Complete part numbers and quantities required
3. Description of parts
4. Model number for which part is required
5. Way of shipment
6. Signature: any order form or telex must be signed otherwise such part order will be considered as null and void.

PARTS ORDERING

Parts may be ordered at the following addresses:

AUSTRIA
MARANTZ
Hietzinger Kai 137a
1130 Wien

BELGIUM
SVD DIVISION MARANTZ
Industrialaan 1
1720 Groot-Bijgaarden
Belgium
Telex: 24466

CHILE
MARANTZ
DIVISION OF PHILIPS S.A.
AV. Santa Maria, 0760
Casilla 2687
Santiago
Telex: 240.239

DENMARK
MARANTZ
Horsvinget 5
2630 Tastrup

NORWAY
MARANTZ
Postboks 7034
Assiden
3007 Drammen

FRANCE
MARANTZ FRANCE
4 Rue Bernard Palissy
92600 Asnières
France
Telex: 611651

GERMANY
MARANTZ GERMANY GmbH
Alexanderstrasse 1
2000 Hamburg
Germany

THE NETHERLANDS
Elpro Marantz
Wint Hontlaan 28
3526 KV Utrecht
The Netherlands
Telex: 4748

SWEDEN
MARANTZ
Box 1324
171 25 Solna

FINLAND
MARANTZ
Kuortanegatan 1
00520 Helsingfors 52

GREAT BRITAIN
MARANTZ HiFi U.K. Ltd
Kingsbridge House
Padbury oaks
575-583 Bath Road
Long ford
Middlesex UB7 OEH
Faxnr.: 0753 680 428

GREECE
SHERTON ELECTRONICS S.A.
P.O.Box 21025
Hippocratus Street 188
Athens 11471
Greece
Telex: 216.795

JAPAN
MARANTZ JAPAN, Inc.
35-1, 7-chome, Sagamiono
Sagamihara-shi, Kanagawa
Japan

KUWAIT
AL ALAMIAH ELECTRONICS
Ussama Building
Fahd al Saleem Street
P.O.Box 23781
Safat-Kuwait
Telex: 22694

ITALY
MARANTZ ITALIANA S.P.A.
Via Chiese, 74
20126 Milano
Italy

SAUDI ARABIA
AL ALAMIAH ELECTRONICS
P.O.Box 5954
University Street
Riyadh 11432
Saudi Arabia
Telex: 401530

SOUTH AFRICA
MARANTZ
DIVISION OF PHILIPS S.A.
Main Road Martindale
P.O. Box. 58088
Newville 21114
South Africa

SPAIN
Euroservice S.A.
Bernardo obrëgón, 26
28012 Madrid
faxnr.: 3412 306 198

SWITZERLAND
MARANTZ
Technischer Service
Duenstrasse 3
3186 Düdingen
Switzerland

TURKEY
DOGRUOL Ltd.
I.M.C.
6 Blok N°6310
Unkapani
Istanbul
Turkey
Telex: 22085

MALTA
CACHIA & GALEA
Republic Street, 68D
Valetta
Telex: 1682

PORTUGAL
MARANTZ
Divisao philips S.A. service
Outurela-carnaxide
2795 LinDA-A-VELHA
Telex: 43906

All of the above locations are fully equipped to take care of your total service needs. Because various countries have differing configuration requirements, it is necessary that you contact the service facility in your particular country. In the event that there is no service location listed for your country, please, contact the nearest facility for the necessary assistance.

In case of difficulties, do not hesitate to contact the Technical Department at abovementioned address.

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How to use this service manual

- The "Common parts" which Marantz Japan, Inc. has established are eliminated from this service manual.
- These "Common parts" are applied to all models in the service manuals arranged and issued by MJI.
- To indicate clearly the common parts in the schematic diagram, a line is drawn above or under the Ref. Desig. No. of applicable parts.
- "Common parts" can be supplied from the Marantz service center as ever.
  In case of ordering, please establish the parts number of 10 figures following the procedure mentioned in this service manual "How to establish the parts number for common parts".

(NOTE)

When you order parts to the Marantz parts center, please take notice of the following points.

1) Please correctly write the parts number of 10 figures following the rule.
2) Since ordering parts by the Ref. Desig. No. or ratings indicated in the schematic diagram does not satisfy the above conditions, the Marantz parts supply system does not work properly.
   As this case is apt to cause a trouble, please pay attention to it.

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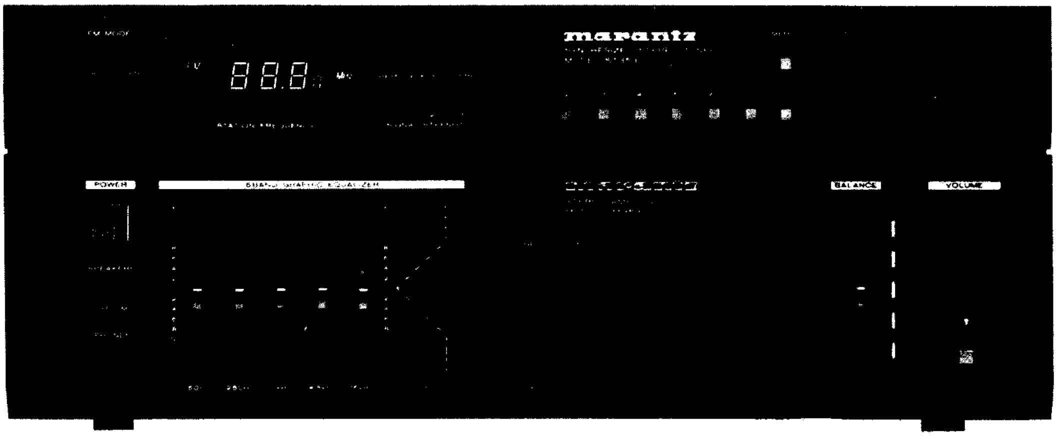
MARANTZ MODEL RX353/L, RX253/L, RX153/L TUNER/AMPLIFIER



INTRODUCTION

This service manual was prepared for use by Authorized Warranty Stations and contains service information for the Marantz Model RX353/L, RX253/L, RX153/L Tuner/Amplifier.

Servicing information and voltage data included in this manual are intended for use by knowledgeable and experienced personnel only. All instructions should be read carefully. No attempt should be made to proceed without a good understanding of circuitry operation.

The parts list furnishes complete ordering information. Most replacement parts should be ordered from the Marantz Company. However, a simple description is included for parts which can be obtained locally.

1. P.W. BOARDS

As can be seen from the circuit diagram the chassis of Model RX353/RX353L, RX253/RX253L, RX153/RX153L consists of the following units. Each unit mounted on a printed circuit board is discribed within the square enclosed by a bold dotted line on the circuit diagram.

1. **Tuner** .... **mounted on P.W. Board P100**
2. **Phono Function** .... **mounted on P.W. Board P400**
3. **Main Amp.** .... **mounted on P.W. Board P700**
4. **Graphic Equalizer Circuit** .... **mounted on P.W. Board PE00**
5. **Graphic Equalizer Tone Volume** ...... **mounted on P.W. Board PE01**
6. **Volume** .... **mounted on P.W. Board PG00**
7. **Tact Switch Vol. Up-Down** .... **mounted on P.W. Board PG50**
8. **Power Switch** ...... **mounted on P.W. Board PP00**
9. **Controller FL** ..... **mounted on P.W. Board PR00**
10. **Speaker A, B** ...... **mounted on P.W. Board PS00**
11. **Headphone** .... **mounted on P.W. Board PS50**
12. **RCA Jack** .... **mounted on P.W. Board PW00**
13. **Tact Switch FM/AM Memory** ... **mounted on P.W. Board PX00**
14. **Tact Switch FM/Mute/Scan** .... **mounted on P.W. Board PX50**

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2. TEST EQUIPMENT REQUIRED FOR SERVICING

This table lists the test equipment required for servicing the Model RX353/L, RX253/L, RX153/L Tuner/Amplifier.

Item	Use
AM Signal Generator	Signal source for AM alignment
Test Loop	Use with AM Signal Generator
FM Signal Generator	Signal sorce for FM alignment
MPX Signal Generator	Stereo separation alignment and trouble shooting
Distortion Analyzer	Distortion measurements
Audio Oscillator	Sinewave and squarewave signal source
AC VTVM	Voltage measurements (AC)
Oscilloscope	Waveform analysis trouble shooting
Frequency Counter	MPX Oscillator adjustment (VCO)
Circuit Tester	Trouble shooting
DC VTVM	Voltage measurements (DC)
AC Wattmeter	Monitors primary power to tuner
Line Voltmeter	Monitors potential of primary power to tuner
Variable Autotransformer	Adjusts level of primary power to tuner
Shorting Plug	Shorts amplifier Input to eliminate nois pickup

3. TUNER ALIGNMENT PROCEDURES

A dummy resistor of 47 kohms must be connected across the tuner output terminals before alignment.

3.1 FM Alignment Procedures (Function switch in the "FM" position, MODE switch in the MONO position.)

1. FM RF Alignment

Step	Signal Source Connection	Signal Frequency	Indicator Connection	Set the Digital Readout Frequency	Adjust:
1	FM signal generator to FM antenna terminal (300Ω) through matching network Set the SG RF output level so that some noise can be observed on the upper and lower side of the output waveform.	98.00 MHz	VTVM to L or R channel output (JS01)	98.00 MHz	FRONT END IFT (A101: GRY COIL) for maximum output and minimum distortion.
2	FM signal generator 1 mV output to FM antenna terminal (300Ω) through matching network Modulation Level DIN 40 kHz DEV. IHF 75 kHz DEV.	98.00 MHz	"O" center meter or DC current meter in 100 μA range between (J201,–J202)	98.00 MHz	L201 (Primary) core so that the meter indicates its center or may read "O".
3	FM signal generator 1 mV output to FM antenna terminal (300Ω) through matching network.	98.00 MHz	Distortion meter to L or R channel output (JS01)	98.00 MHz	L201 (Secondary) core for minimum distortion.

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3.2 Muting Level Alignment (Function switch in the "FM" position, MODE switch in the "AUTO STEREO" position.)

Step	Signal Source Connection	Signal Frequency	Indicator Connection	Set the Digital Readout Frequency	Adjust:
1	FM signal generator 12.5 µV output to FM antenna terminal through matching network (300 ohm, balanced)	98.00 MHz	VTVM to L or R channel output (JS01)	98.00 MHz	Adjust R215 until output is developed.

3.3 Multiplex Alignment Procedures (Function switch in the "FM" position, MODE switch in the "AUTO STEREO" position.)

Step	Signal Source Connection	Signal Frequency	Indicator Connection	Set the Digital Readout Frequency	Adjust:
1	FM signal generator 1 mV output modulated by MPX signal generator to FM antenna terminal (300Ω) through matching network Modulation Level DIN 40 kHz+8% Pilot DEV. IHF 67.5kHz+9% Pilot DEV.	No modulation	Frequency counter to (J301–J302)	98.00 MHz	R303 so that Frequency may precisely read 19,000 kHz ±10 Hz.
2		Stereo left (1,000 Hz)	VTVM to right channel output (JS01. R ch)		R317 for same separation in both channels.
3		Stereo right (1,000 Hz)	VTVM to left channel output (JS01. L ch)		

3.4 AM Alignment Procedures (Function switch in the "AM" position.)

1. AM IF Alignment

Step	Signal Source Connection	Signal Frequency	Indicator Connection	Set the Digital Readout Frequency	Adjust:
1	Sweep generator to AM Antenna Terminal.	450 kHz marker	Oscilloscope to (RA27)	———	LA05 for maximum and symmetric response.

AM RF Alignment

Step	Signal Source Connection	Signal Frequency	Indicator Connection	Set the Digital Readout Frequency	Adjust:
1	Apply the signal to the AM loop antenna from the AM signal generator using the test loop.	603 kHz (600 kHz)	VTVM to L or R channel output (JS01)	603 kHz (600 kHz)	LA01 for maximum output.
2		1,404 kHz (1,400 kHz)		1,404 kHz (1,400 kHz)	CA02 for maximum output.
3	Repeat steps 1 and 2.				

AM Signal Alignment (Function switch in the "AM" position)

Step	Signal Source Connection	Signal Frequency	Indicator Connection	Set the Digital Readout Frequency	Adjust:
1	Apply a signal to the AM loop antenna from the RF generator via the test test loop. 5 mV signal	999 kHz (1000 kHz)	———	999 kHz (1000 kHz)	Adjust RA24 so that 3 signal LEDs light. (DX01, DX02, DX03)

LW RF Alignment (Function in the "LW" position) RX353L, RX253L, RX153L Only.

Step	Signal Source Connection	Signal Frequency	Indicator Connection	Set the Digital Readout Frequency	Adjust:
1	Apply the signal to the AM loop antenna from the RF generator using the test loop.	272 kHz	VTVM to L or R channel output (JS01)	272 kHz	CA11 for maximum output.
2		173 kHz		173 kHz	LA03 for maximum output.
3	Repeat steps 1 and 2 as necessary to obtain maximum sensitivity.				

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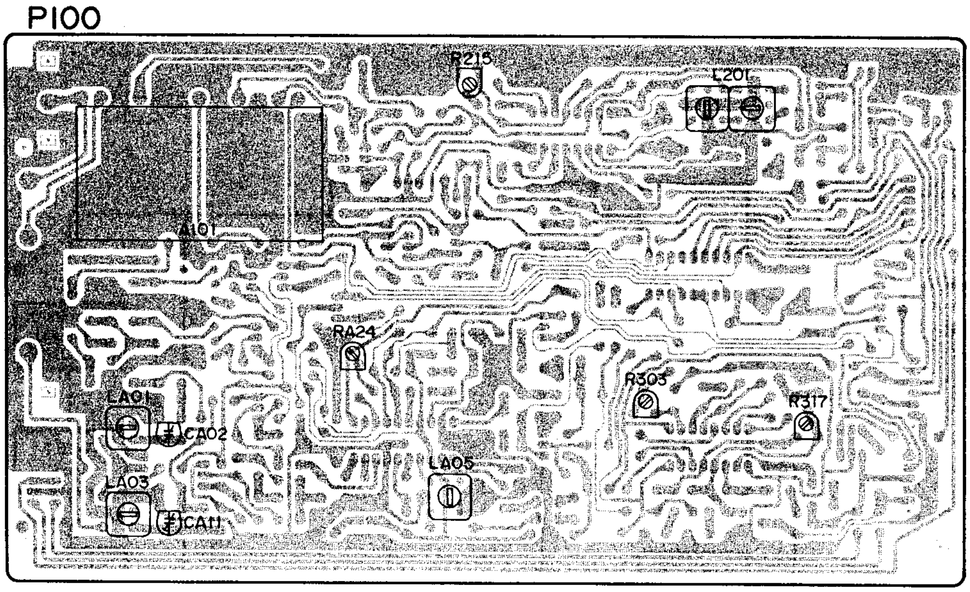
4. TEST AND ALIGNMENT POINTS


P100
R215
L201
A101
RA24
R303
R317
LA01
CA02
LA03
CA11
LA05

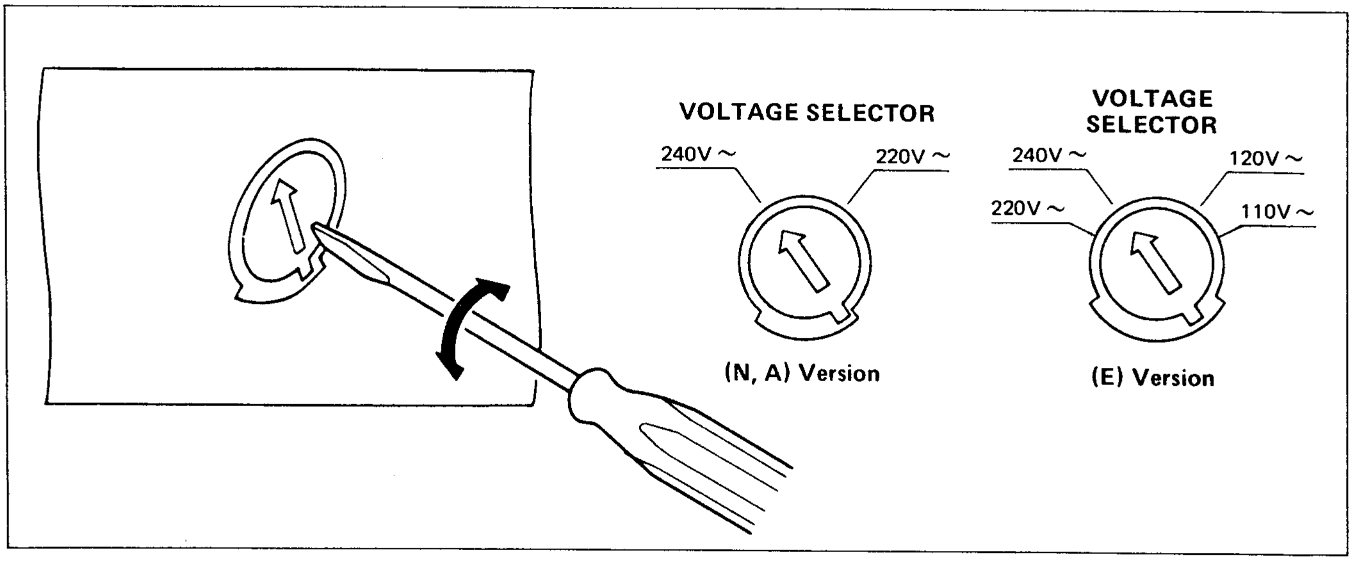
5. VOLTAGE CONVERSION

- **EUROPEAN MODEL ONLY**

To convert the unit to a different power source voltage, change the position as illustrated in the drawing below.

CAUTION
DISCONNECT POWER SUPPLY CORD FROM AC OUTLET BEFORE CONVERTING VOLTAGE.

Voltage Conversion Chart


VOLTAGE SELECTOR
240V ~
220V ~
(N, A) Version
VOLTAGE SELECTOR
240V ~
120V ~
220V ~
110V ~
(E) Version

Note on safety: Symbol ⚠ Fire or electrical shock hazard. Only original parts should be used to replace any part marked with symbol ⚠. Any other component substitution (other than original type), may increase risk of fire or electrical shock hazard.

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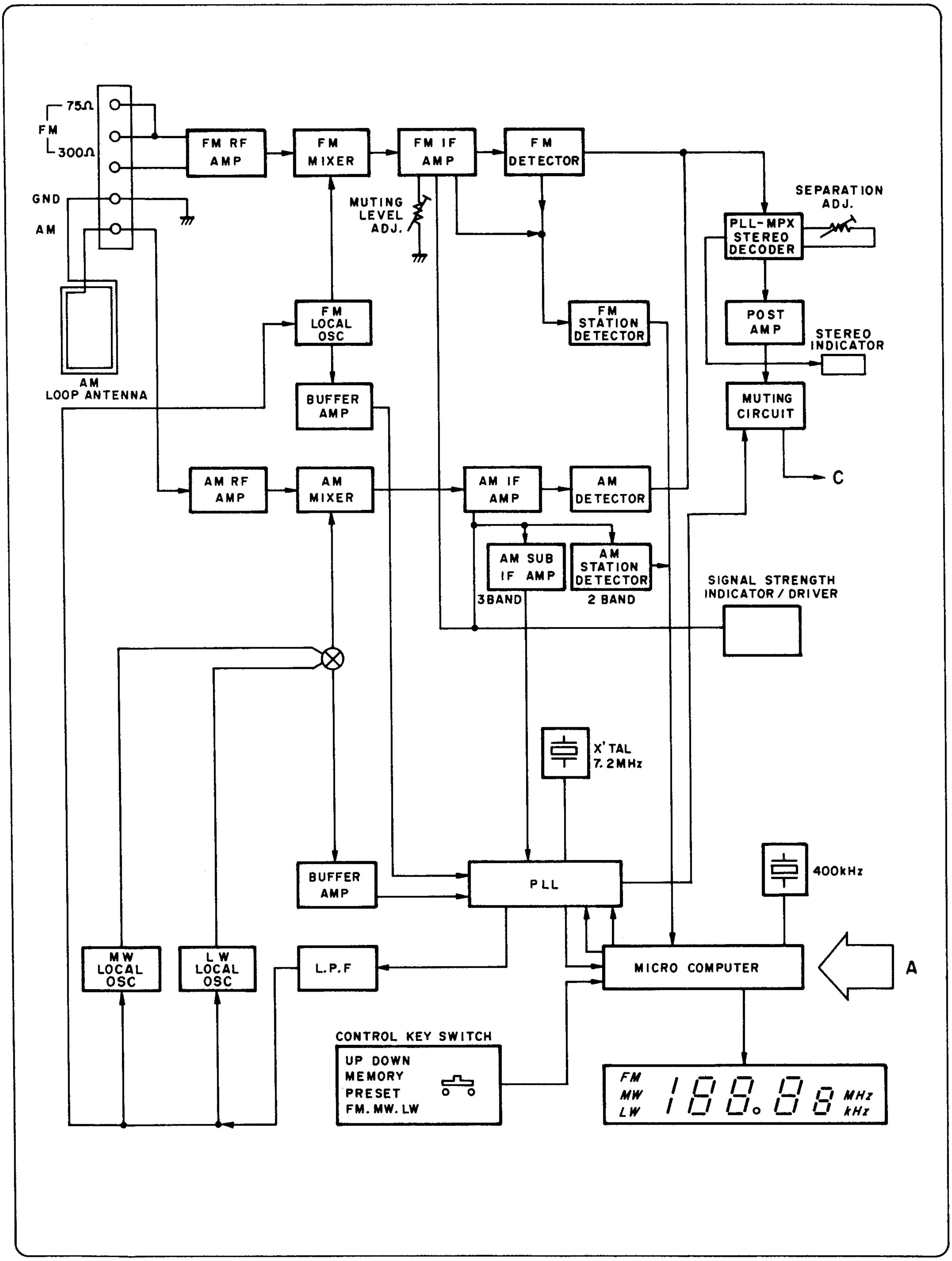
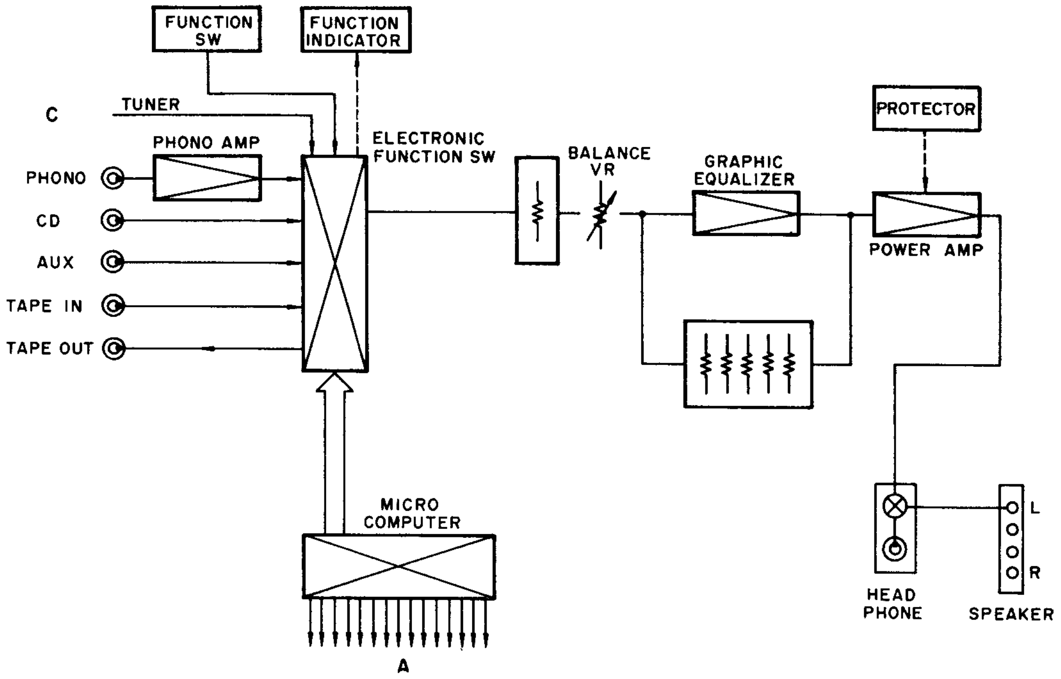
6. BLOCK DIAGRAM



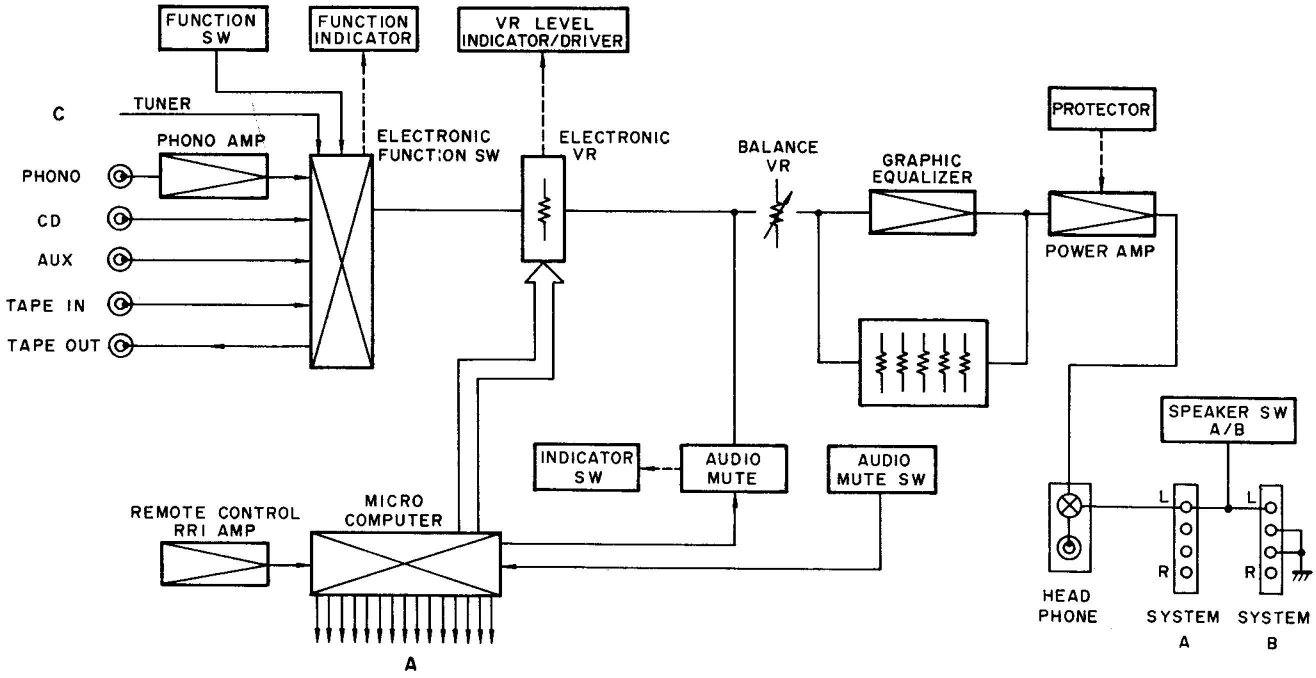
FM
75Ω
300Ω
GND
AM
AM LOOP ANTENNA
FM RF AMP
FM MIXER
FM IF AMP
FM DETECTOR
MUTING LEVEL ADJ.
SEPARATION ADJ.
PLL-MPX STEREO DECODER
POST AMP
STEREO INDICATOR
MUTING CIRCUIT
C
FM LOCAL OSC
BUFFER AMP
FM STATION DETECTOR
AM RF AMP
AM MIXER
AM IF AMP
AM DETECTOR
AM SUB IF AMP
3BAND
AM STATION DETECTOR
2 BAND
SIGNAL STRENGTH INDICATOR / DRIVER
X'TAL 7.2MHz
BUFFER AMP
PLL
400kHz
MW LOCAL OSC
LW LOCAL OSC
L.P.F
MICRO COMPUTER
A
CONTROL KEY SWITCH
UP DOWN
MEMORY
PRESET
FM. MW. LW
FM
MW
LW
188.88
MHz
kHz

Ms044.

Model RX153/153L


FUNCTION SW
FUNCTION INDICATOR
C
TUNER
PHONO AMP
ELECTRONIC FUNCTION SW
PHONO
CD
AUX
TAPE IN
TAPE OUT
BALANCE VR
GRAPHIC EQUALIZER
PROTECTOR
POWER AMP
MICRO COMPUTER
A
L
R
HEAD PHONE
SPEAKER

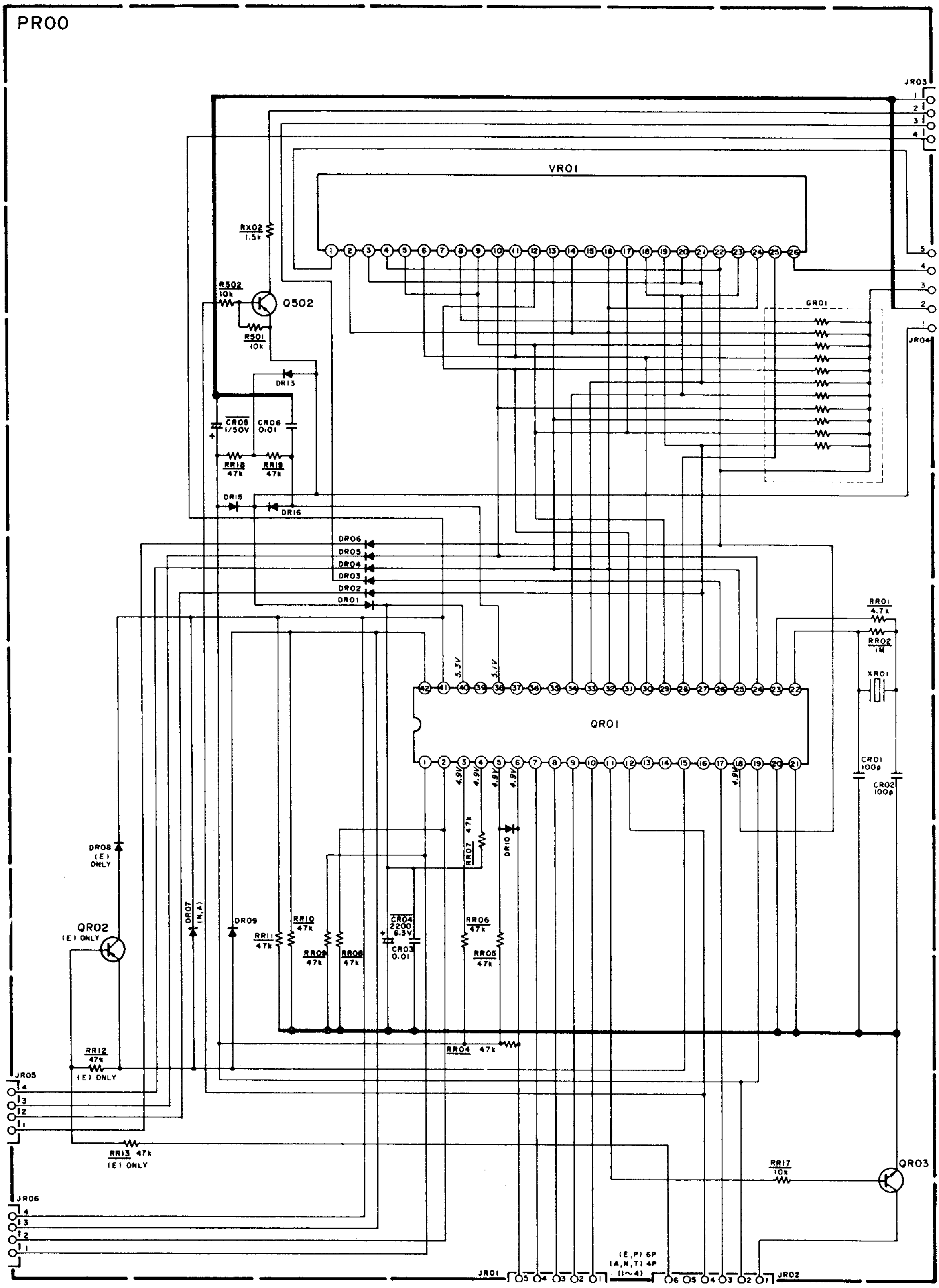
Model RX253/253L
Model RX353/353L


FUNCTION SW
FUNCTION INDICATOR
VR LEVEL INDICATOR/DRIVER
C
TUNER
PHONO AMP
ELECTRONIC FUNCTION SW
ELECTRONIC VR
PHONO
CD
AUX
TAPE IN
TAPE OUT
BALANCE VR
GRAPHIC EQUALIZER
PROTECTOR
POWER AMP
SPEAKER SW A/B
INDICATOR SW
AUDIO MUTE
AUDIO MUTE SW
REMOTE CONTROL RRI AMP
MICRO COMPUTER
A
L
R
L
R
HEAD PHONE
SYSTEM A
SYSTEM B

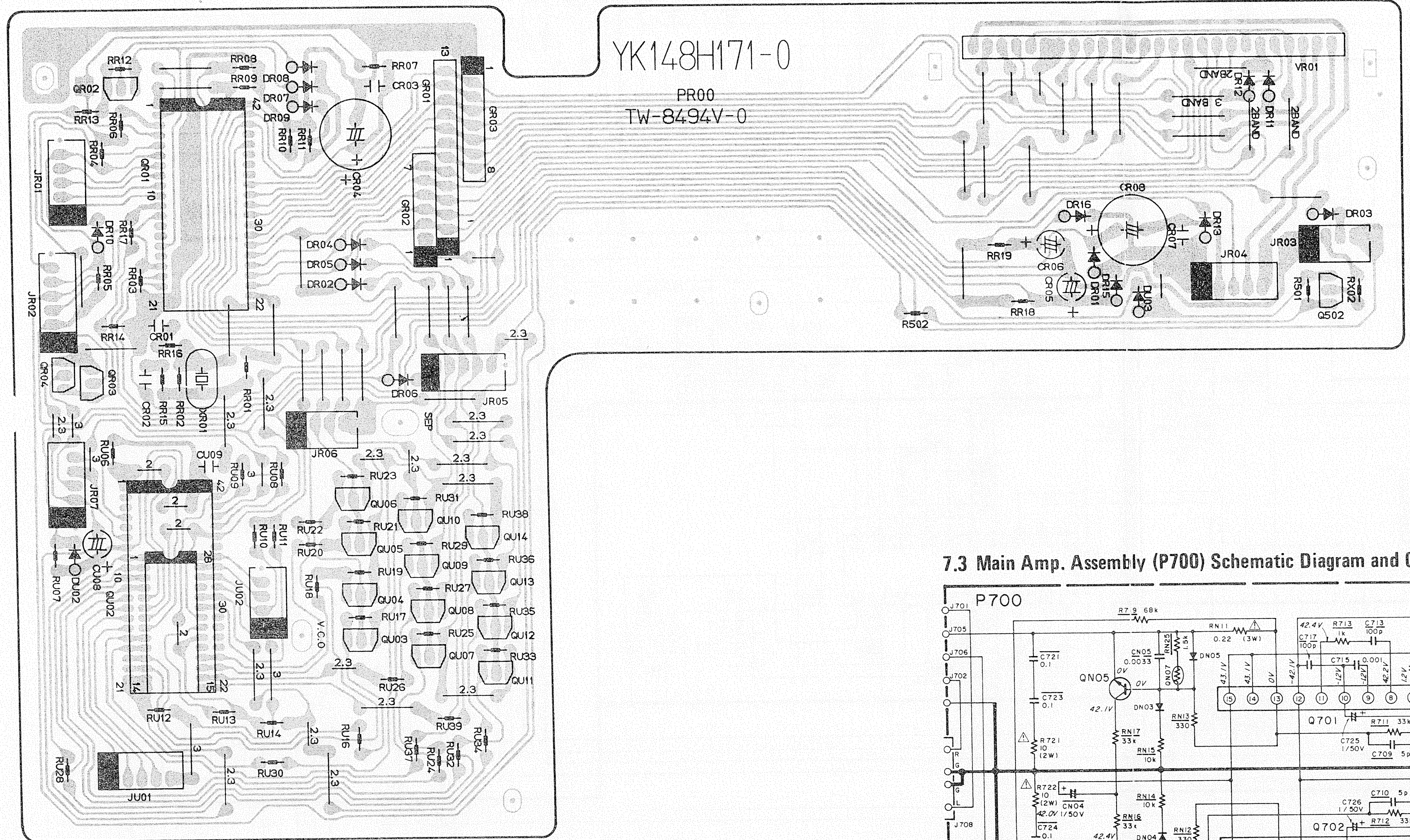
Ms845

7. SCHEMATIC DIAGRAM AND COMPONENT LOCATIONS

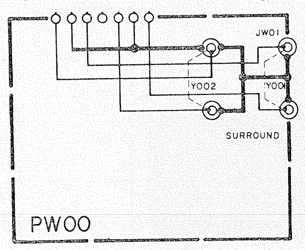
7.1 Controller FL Assembly (PR00) Schematic Diagram and Component Locations

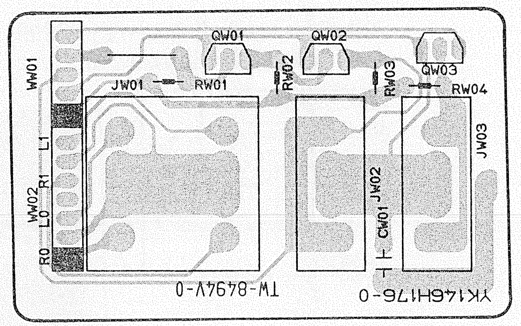

PR00
JR03
VR01
RX02 1.5k
R502 10k
Q502
R501 10k
GR01
JR04
DR13
CR05 1/50V
CR06 0.01
RR18 47k
RR19 47k
DR15
DR16
DR06
DR05
DR04
DR03
DR02
DR01
RR01 4.7k
RR02 1M
XR01
5.3V
5.1V
QR01
4.9V
CR01 100p
CR02 100p
RR07 47k
DR10
DR08 (E) ONLY
QR02 (E) ONLY
DR07 (N,A)
DR09
RR10 47k
RR11 47k
RR09 47k
RR08 47k
CR04 2200 6.3V
CR03 0.01
RR06 47k
RR05 47k
RR04 47k
RR12 47k (E) ONLY
JR05
RR13 47k (E) ONLY
JR06
RR17 10k
QR03
JR01
(E,P) 6P
(A,N,T) 4P
(1~4)
JR02

M5846

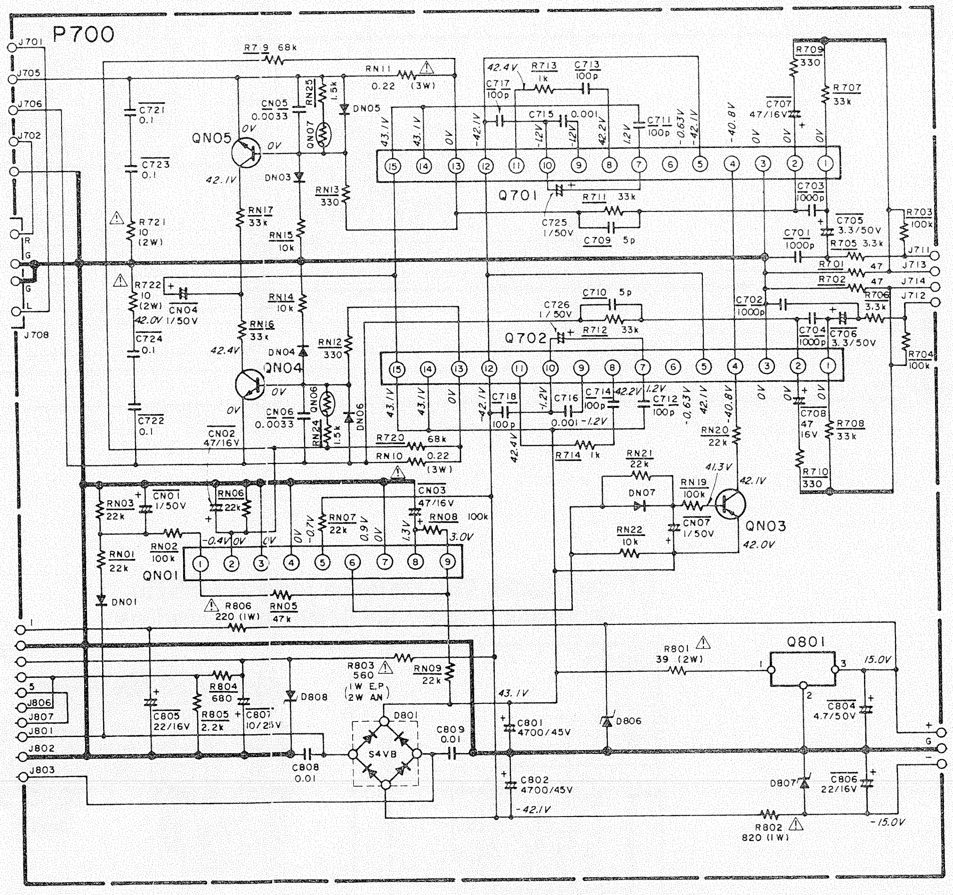

YK148H171-0
PR00
TW-8494V-0
2BAND
3 BAND
VR01
V.C.O
SEP
JU01
JR01
JR02
JR03
JR04
JR05
JR06
JR07

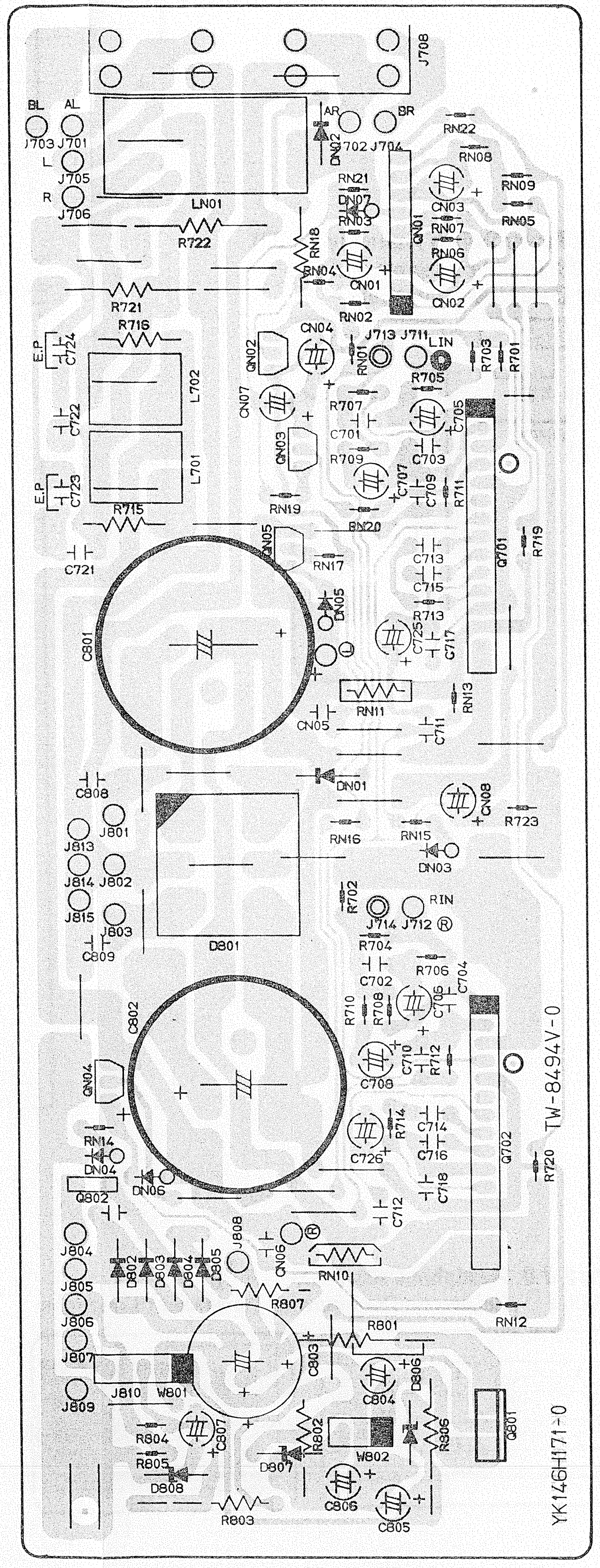
7.2 RCA Jack Assembly (PW00) Schematic Diagram and Component Locations


PW00
SURROUND
JW01
Y002


QW01
QW02
QW03
RW01
RW02
RW03
RW04
JW01
JW02
JW03
CW01
WW01
WW02
YK146H176-0
TW-8494V-0

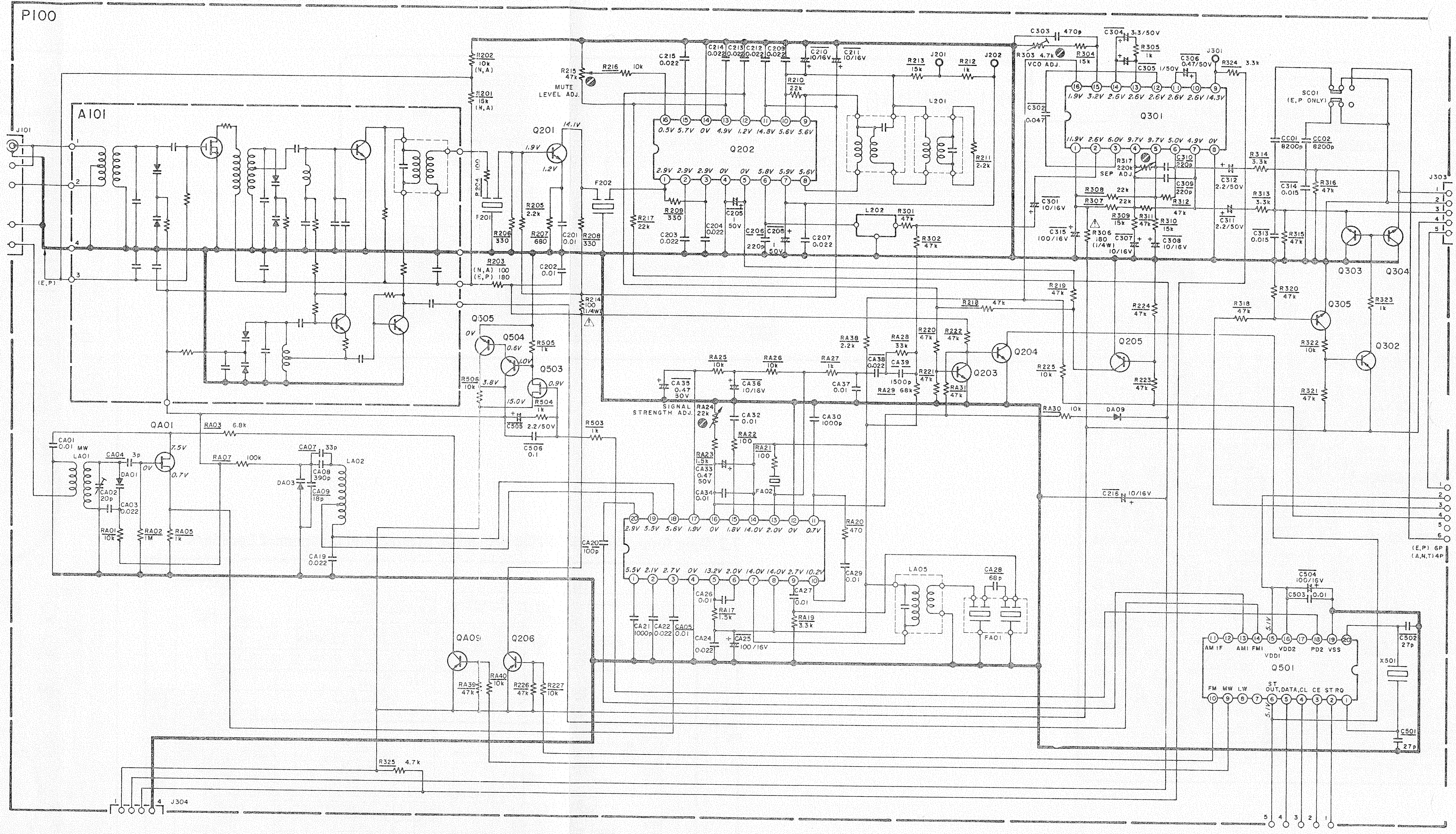
7.3 Main Amp. Assembly (P700) Schematic Diagram and Component Locations


P700
Q701
Q702
QN01
QN03
QN04
QN05
Q801
D801
S4VB
J701
J702
J705
J706
J708
J711
J712
J713
J714
J802
J803
J806
J807
15.0V
-15.0V
43.1V
-42.1V

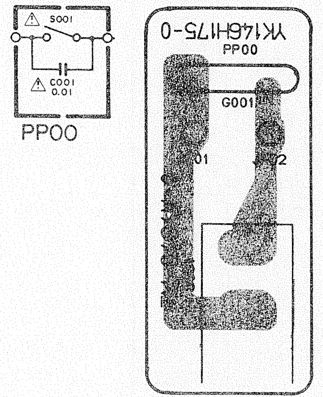

J708
BL
AL
AR
BR
LIN
RIN
E.P
C801
C802
D801
Q701
Q702
Q801
L701
L702
LN01
TW-8494V-0
YK146H171-0

M5347

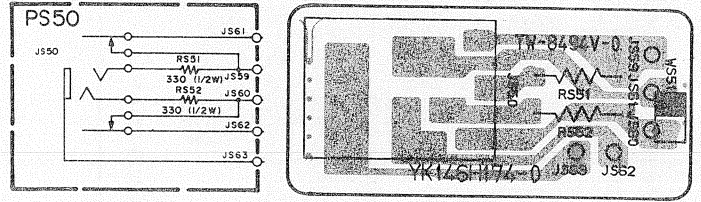
7.4 Tuner Assembly (P100) Schematic Diagram and Component Locations


P100
A101
J101
Q201
Q202
Q203
Q204
Q205
Q206
Q301
Q302
Q303
Q304
Q305
Q501
Q503
Q504
QA01
QA09
L201
L202
LA01
LA02
LA05
F201
F202
FA01
FA02
X501
J201
J202
J301
J303
J304
SC01 (E, P ONLY)
MUTE LEVEL ADJ.
VCO ADJ.
SEP ADJ.
SIGNAL STRENGTH ADJ.
AM IF
AM FM
VDD1
VDD2
PD2
VSS
FM MW LW
ST OUT, DATA, CL CE ST.RQ
(E, P)
(E, P) 6P
(A, N, T) 14P

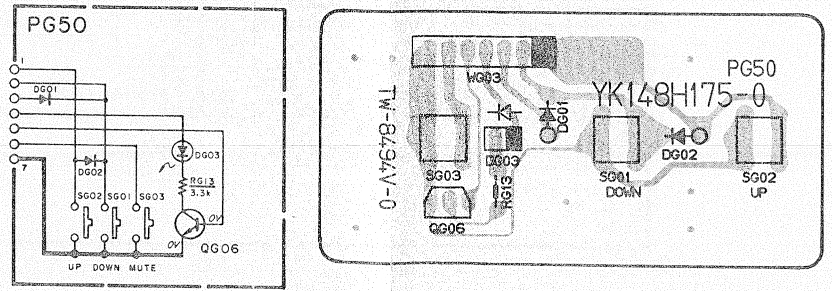
7.5 Power Switch Assembly (PP00) Schematic Diagram and Component Locations


S001
C001 0.01
PP00
YK146H175-0
G001

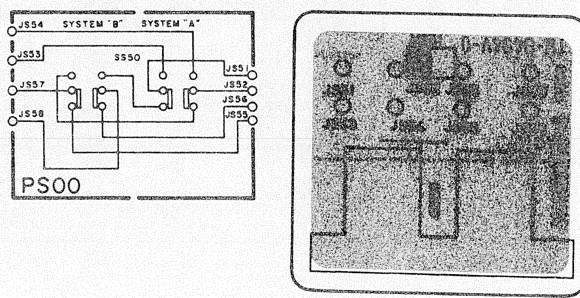
7.6 Headphone Assembly (PS50) Schematic Diagram and Component Locations

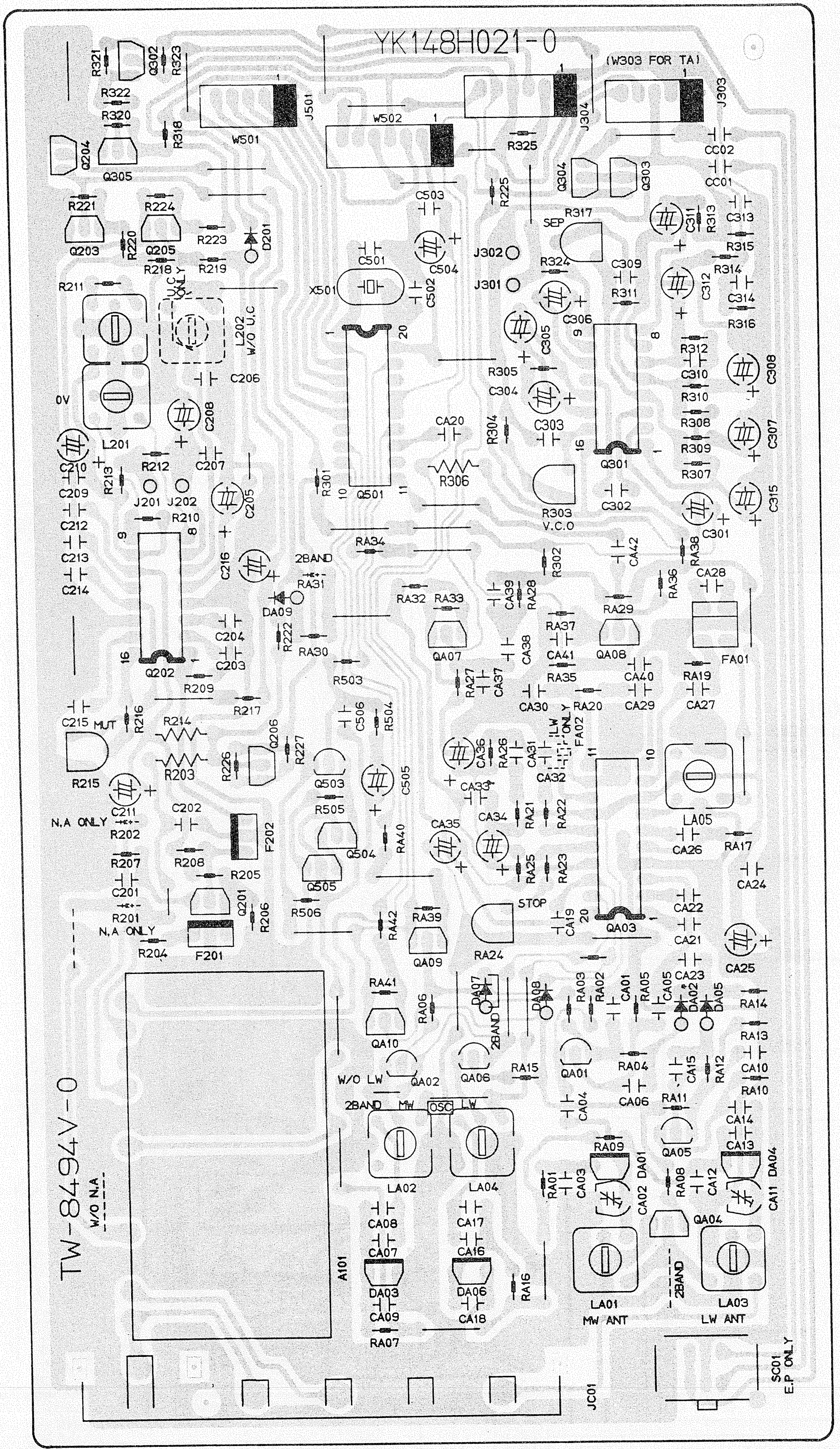

PS50
J550
J561
RS51 330 (1/2W)
J559
RS52 330 (1/2W)
J560
J562
J563
TW-8494V-0
YK146H175-0

7.7 Tact Switch Vol. Up-Down Assembly (PG50) Schematic Diagram and Component Locations


PG50
DG01
DG02
DG03
RG13 3.3k
SG02
SG01
SG03
QG06
UP
DOWN
MUTE
YK148H175-0
TW-8494V-0
SG01 DOWN
SG02 UP

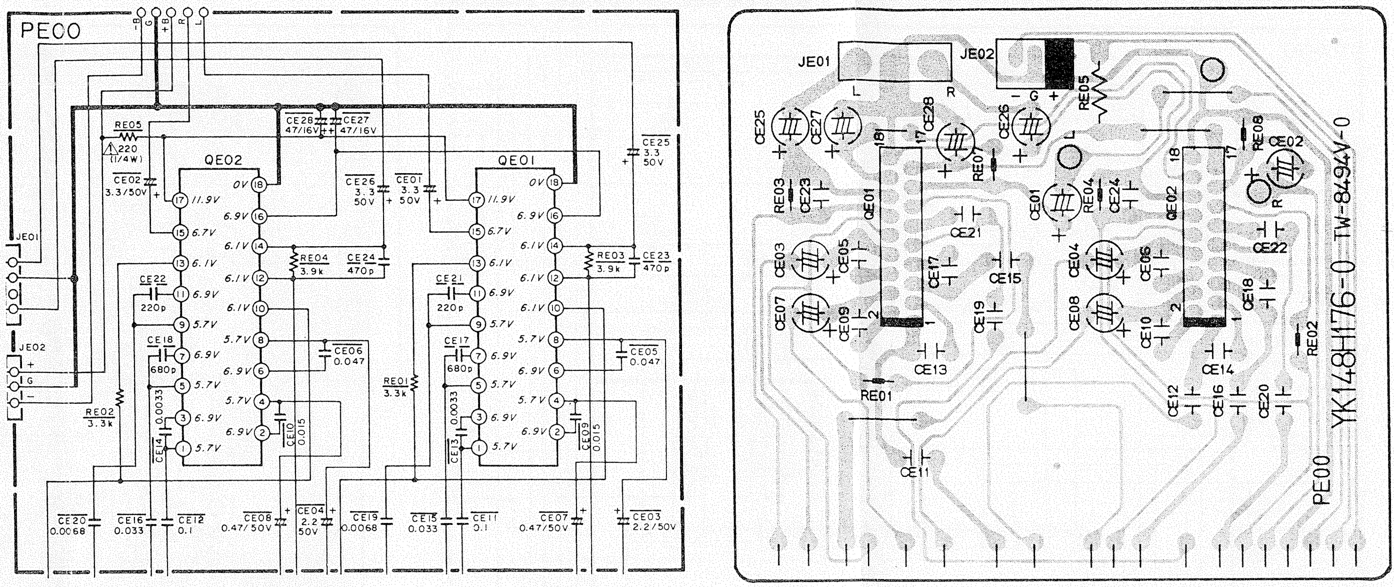
7.8 Speaker A, B Assembly (PS00) Schematic Diagram and Component Locations


J554
SYSTEM "B"
SYSTEM "A"
J553
S550
J551
J557
J552
J556
J558
J555
PS00

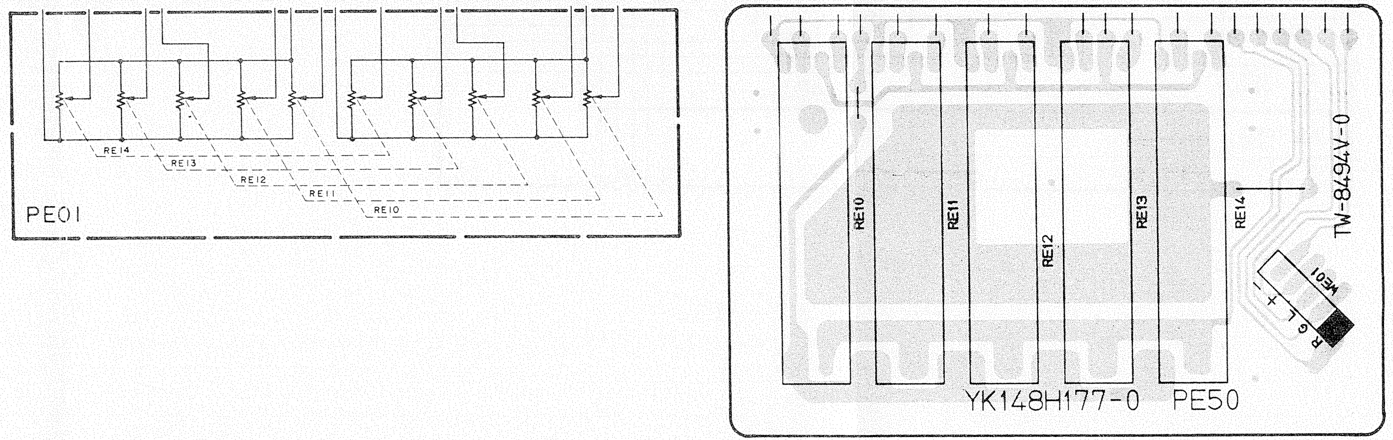

YK148H021-0
TW-8494V-0
W/O N.A
(W303 FOR TA)
N.A ONLY
MW ANT
LW ANT
E.P ONLY

M5249

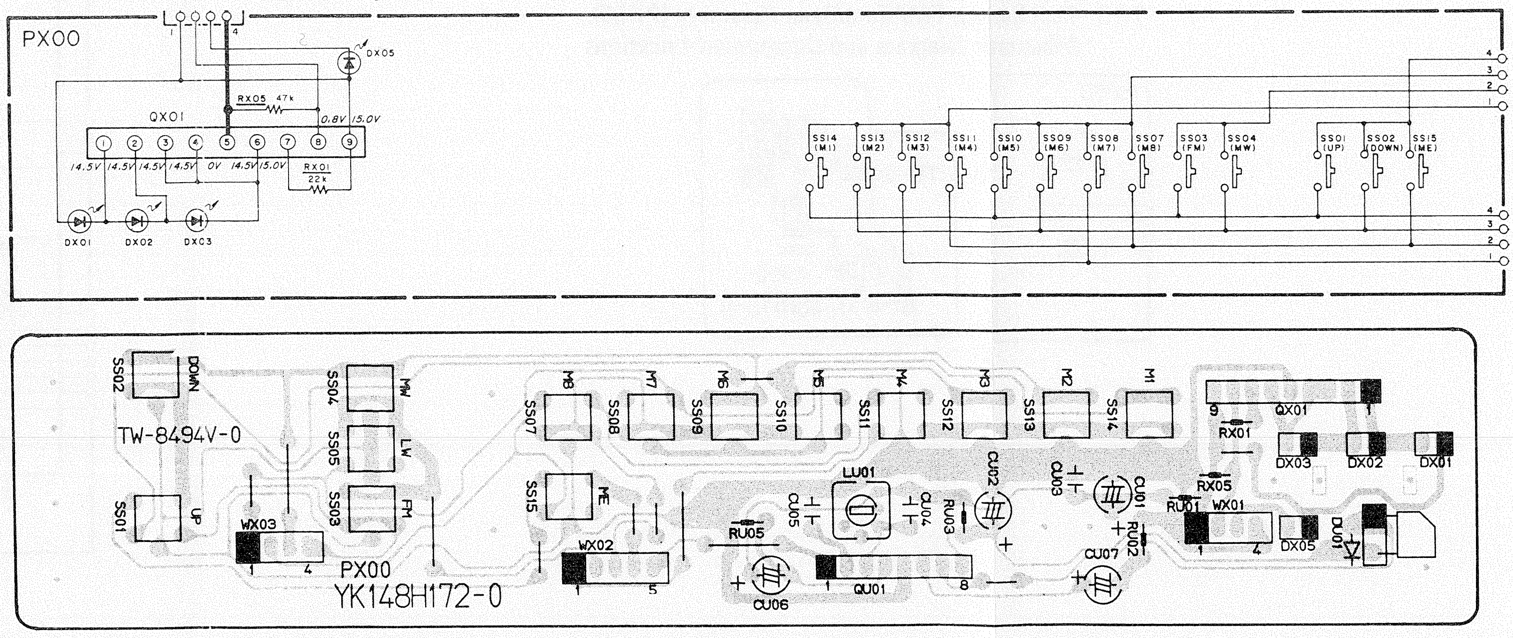
7.9 Graphic Equalizer Circuit Assembly (PE00) Schematic Diagram and Component Locations


PE00
QE01
QE02
YK148H176-0
TW-8494V-0

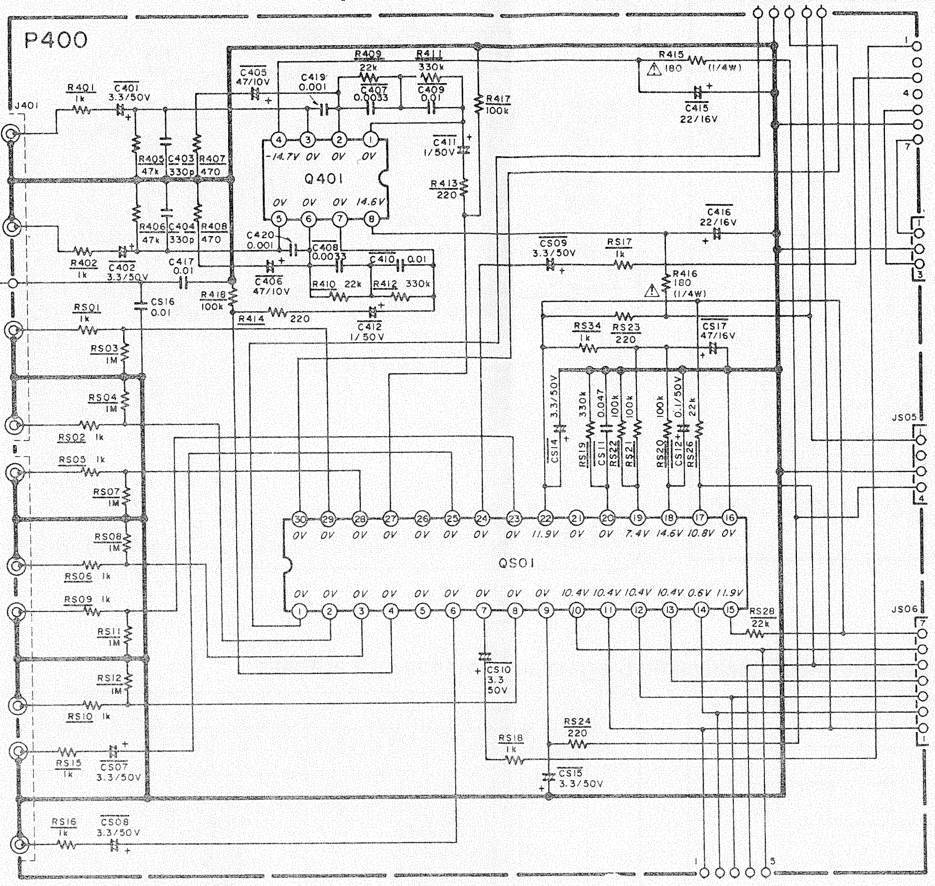
7.10 Graphic Equalizer Tone Volume Assembly (PE01) Schematic Diagram and Component Locations

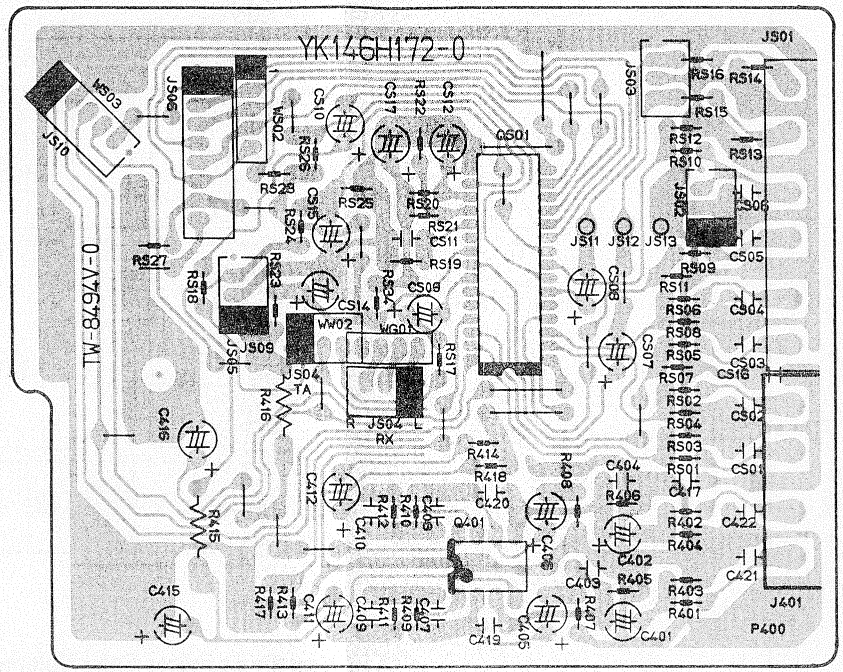

PE01
YK148H177-0
PE50
TW-8494V-0

7.11 Tact Switch FM/AM Memory Assembly (PX00) Schematic Diagram and Component Locations

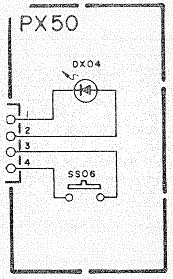

PX00
QX01
TW-8494V-0
YK148H172-0

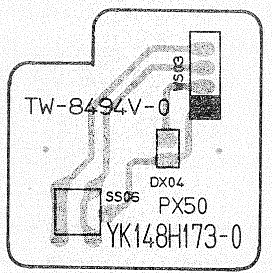
7.12 Phono Function Assembly (P400) Schematic Diagram and Component Locations


P400
J401
Q401
QS01
R401 1k
C401 3.3/50V
R402 1k
C402 3.3/50V
C405 47/10V
C406 47/10V
C419 0.001
C420 0.001
R409 22k
R411 330k
C407 0.0033
C409 0.01
R415 180 (1/4W)
R416 180 (1/4W)
C415 22/16V
C416 22/16V
R417 100k
R413 220
R414 220
R418 100k
C411 1/50V
C412 1/50V
CS09 3.3/50V
RS17 1k
CS17 47/16V
RS34
RS23 220
CS10 3.3 50V
RS18 1k
RS24 220
CS15 3.3/50V
CS07 3.3/50V
CS08 3.3/50V
RS28 22k
JS05
JS06

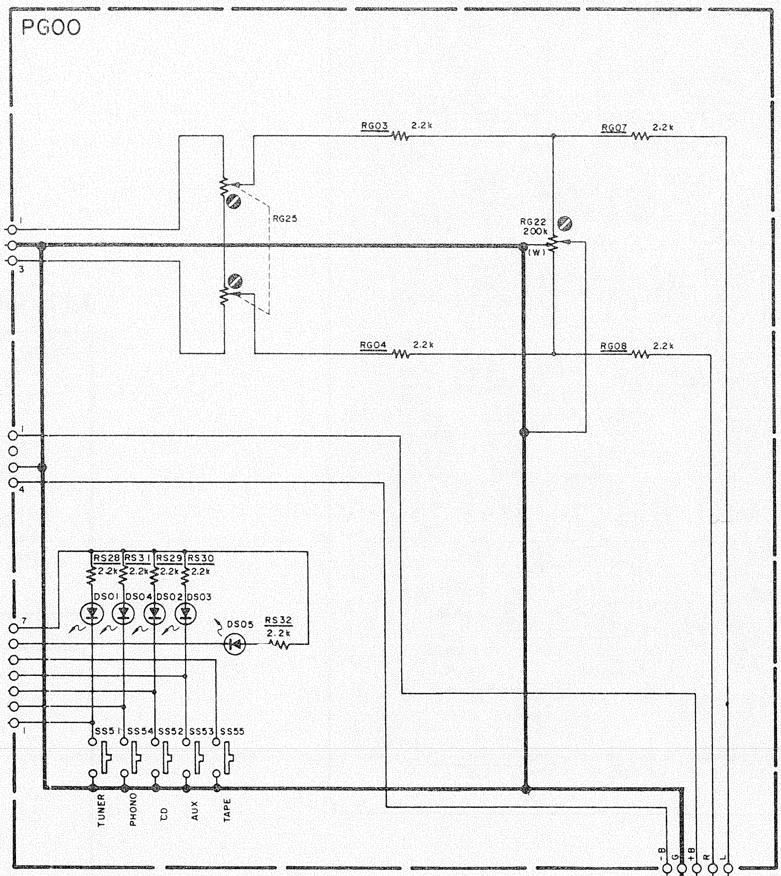

YK146H172-0
TW-8494V-0
J501
J506
JS10
WS03
JS11
JS12
JS13
QS01
Q401
J401
P400
JS04 TA
JS04 RX

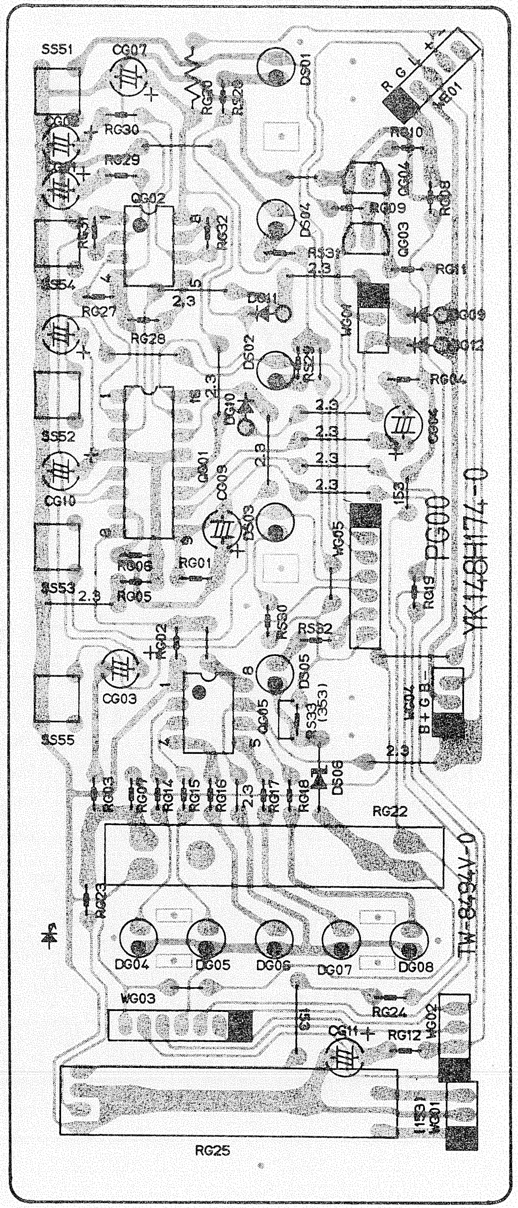
7.13 Tact Switch FM/Mute/Scan Assembly (PX50)
Schematic Diagram and Component Locations


PX50
DX04
SS06


TW-8494V-0
WS03
DX04
SS06
PX50
YK148H173-0

7.14 Volume Assembly (PG00)
Schematic Diagram and Component Locations

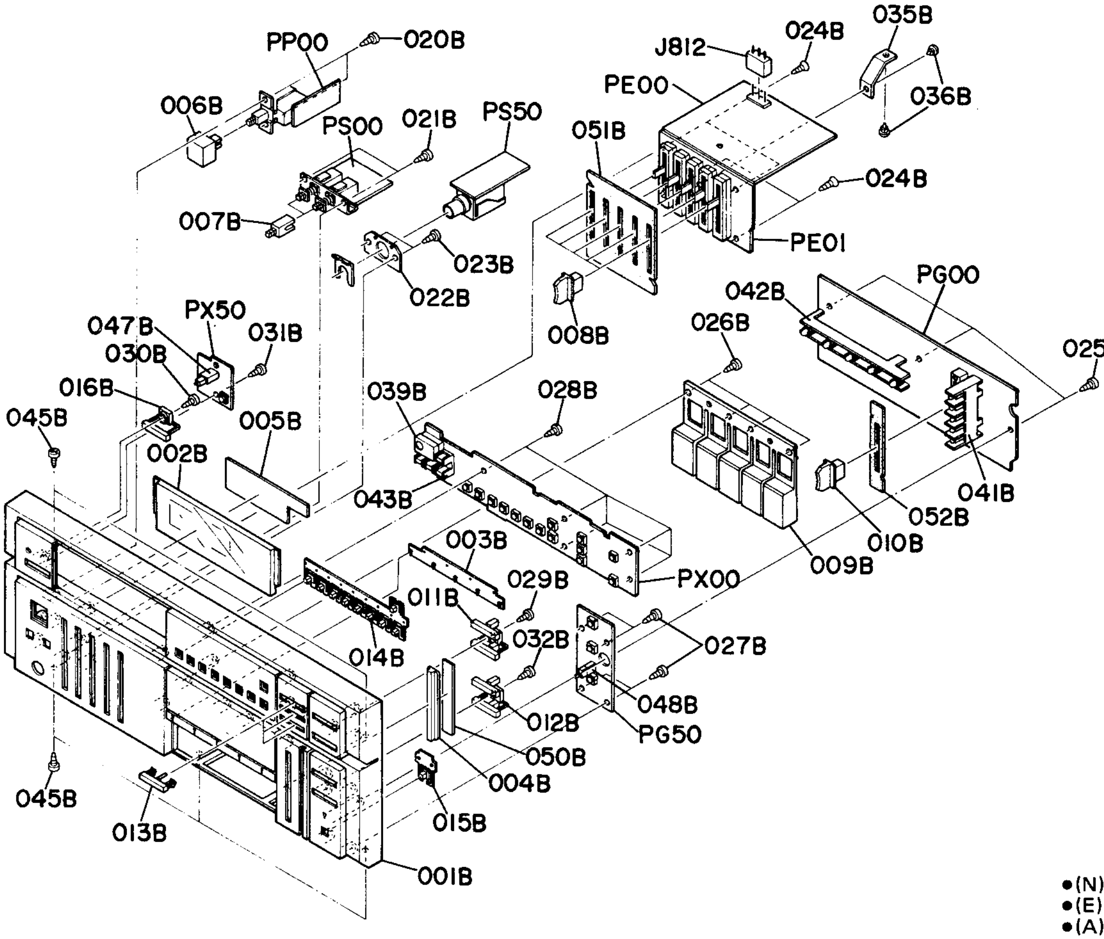

PG00
RG03 2.2k
RG07 2.2k
RG04 2.2k
RG08 2.2k
RG25
RG22 200k (W)
RS28 2.2k
RS31 2.2k
RS29 2.2k
RS30 2.2k
DS01
DS04
DS02
DS03
DS05
RS32 2.2k
SS51
SS54
SS52
SS53
SS55
TUNER
PHONO
CD
AUX
TAPE


SS51
SS52
SS53
SS54
SS55
QG01
QG02
PG00
YK148H174-0
TW-8494V-0
RG22
RG25
DG04
DG05
DG06
DG07
DG08
WG03
WG01
WG02

M5850

8. EXPLODED VIEW AND PARTS LIST

[P01-99] FRONT PANEL (Model RX353/353L, RX253/253L)


PP00
020B
006B
PS00
021B
PS50
J812
024B
035B
PE00
036B
051B
024B
PE01
007B
023B
022B
PG00
042B
026B
025B
008B
047B
PX50
031B
030B
016B
045B
005B
039B
028B
002B
043B
003B
041B
052B
010B
009B
PX00
029B
011B
032B
027B
014B
048B
012B
PG50
050B
004B
045B
013B
015B
001B

- ●(N): for Europe
- ●(E): for Europe
- ●(A): for Australia
- ●(P): for PX

REF. DESIG.	PART NO.	DESCRIPTION
A	150H248400	Front Panel Assembly (RX353)
A	153H248400	Front Panel Assembly (RX353L)
A	149H248400	Front Panel Assembly (RX253)
A	152H248400	Front Panel Assembly (RX253L)
001B	150H248010	Front Panel (RX353)
001B	153H248010	Front Panel (RX353L)
001B	149H248010	Front Panel (RX253)
001B	152H248010	Front Panel (RX253L)
002B	149H158010	Window, Display
003B	149H158020	Window, Function Indicate
014B	149H270030	Button, Pre Set/Memory
015B	149H270050	Button, Muting
004B	149H158030	Window, Volume Indicate
005B	149H303040	Mask, Display
006B	263H270120	Button, Power Switch
007B	030H154120	Knob, Speakers Switch
008B	289H154110	Knob, Graphic Equalizer
009B	149H270010	Button, Function
010B	289H154110	Knob, Balance
011B	149H270020	Button, Tuning
012B	149H270020	Button, Volume
013B	149H270040	Button, Band Select
016B	149H270020	Button, Auto Stereo
020B	51280308B0	B.H. Tapped Screw B3 x 8

REF. DESIG.	PART NO.	DESCRIPTION
021B	51280308B0	B.H. Tapped Screw B3 x 8
022B	177T104010	Retainer, Phones Jack
023B	51280308B0	B.H. Tapped Screw B3 x 8
024B	51500308B0	F.H. Taptite Screw F3 x 8
025B	51280308B0	B.H. Tapped Screw B3 x 8
026B	51280308B0	B.H. Tapped Screw B3 x 8
027B	51280308B0	B.H. Tapped Screw B3 x 8
028B	51280308B0	B.H. Tapped Screw B3 x 8
029B	51280308B0	B.H. Tapped Screw B3 x 8
030B	51280308B0	B.H. Tapped Screw B3 x 8
031B	51280308B0	B.H. Tapped Screw B3 x 8
032B	51280308B0	B.H. Tapped Screw B3 x 8
035B	149H160040	Bracket, Graphic EQ P.W. Board
036B	2912259020	Bushing
039B	149H109010	Shield, Remote Eye
041B	149H271020	Holder, Volume LED
042B	149H271030	Holder, Function LED
043B	149H271040	Holder, Stereo/Signal LED
045B	51280308B0	B.H. Tapped Screw B3 x 8
047B	149H259020	Bushing, Auto Scan LED
048B	149H259010	Bushing, Muting LED
050B	149H303010	Mask, Volume
051B	149H303020	Mask, Graphic EQ
052B	149H303030	Mask, Balance
J812	YJ06001040	Jack, 3P

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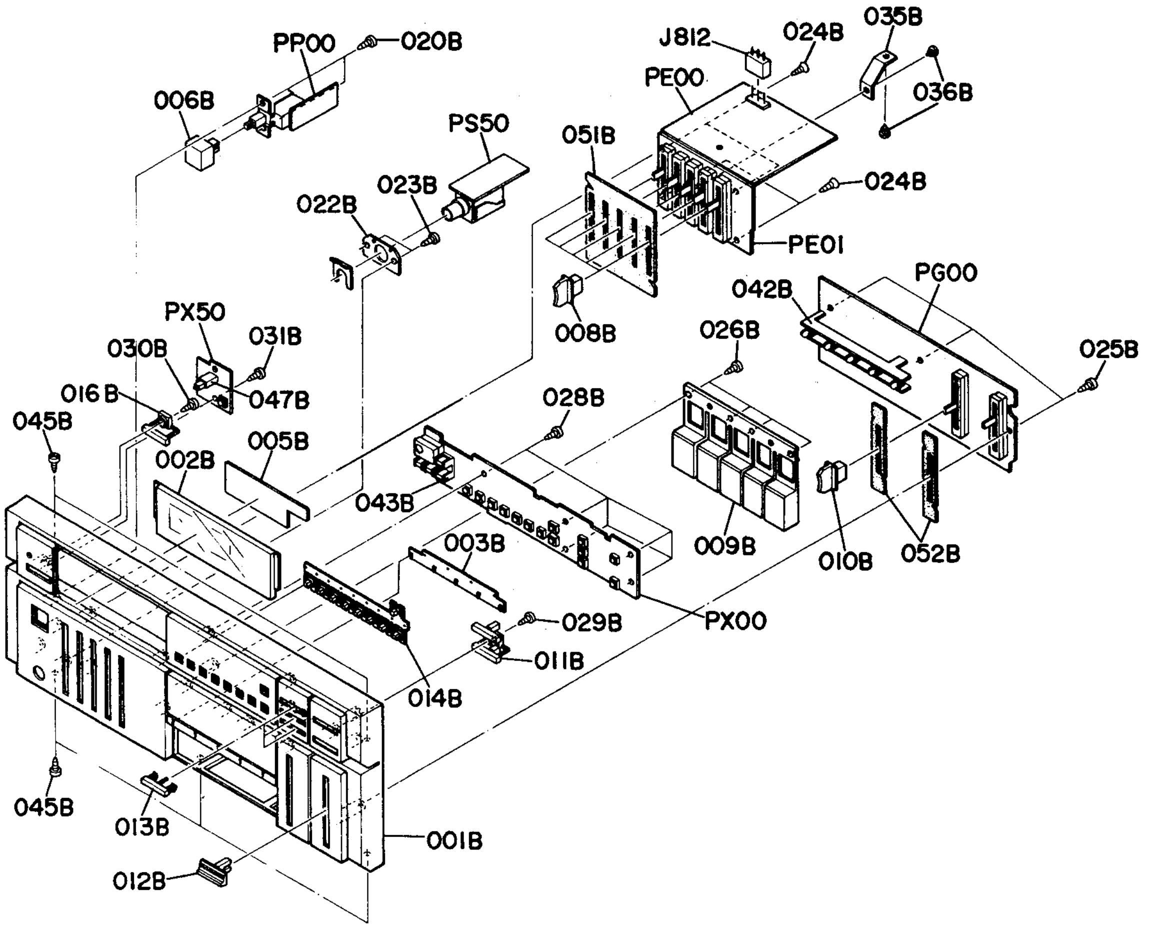
[P02-99] FRONT PANEL (Model RX153/153L)


PP00
020B
006B
J812
024B
035B
PE00
036B
PS50
051B
023B
022B
024B
PE01
PG00
042B
PX50
031B
030B
008B
026B
025B
016B
047B
028B
045B
005B
002B
043B
003B
009B
010B
052B
029B
PX00
011B
014B
045B
013B
001B
012B

REF. DESIG.	PART NO.	DESCRIPTION
A	148H248400	Front Panel Assembly (RX153)
A	151H248400	Front Panel Assembly (RX153L)
001B	148H248010	Front Panel (RX153)
001B	151H248010	Front Panel (RX153L)
002B	148H158010	Window, Display
003B	149H158020	Window, Function Indicate
005B	149H303040	Mask, Display
014B	149H270030	Button, Pre Set/Memory
006B	263H270120	Button, Power Switch
008B	289H154110	Knob, Graphic Equalizer
009B	149H270010	Button, Function
010B	289H154110	Knob, Balance
011B	149H270020	Button, Tuning
012B	148H154010	Button, Volume
013B	149H270040	Button, Band Select
016B	149H270020	Button, Auto Stereo
020B	51280308B0	B.H. Tapped Screw B3 x 8
022B	177T104010	Retainer, Phones Jack
023B	51280308B0	B.H. Tapped Screw B3 x 8
024B	51500308B0	F.H. Taptite Screw F3 x 8
025B	51280308B0	B.H. Tapped Screw B3 x 8
026B	51280308B0	B.H. Tapped Screw B3 x 8

REF. DESIG.	PART NO.	DESCRIPTION
028B	51280308B0	B.H. Tapped Screw B3 x 8
029B	51280308B0	B.H. Tapped Screw B3 x 8
030B	51280308B0	B.H. Tapped Screw B3 x 8
031B	51280308B0	B.H. Tapped Screw B3 x 8
035B	149H160040	Bracket, Graphic EQ P.W. Board
036B	2912259020	Bushing
041B	149H271020	Holder, Volume LED
042B	149H271030	Holder, Function LED
043B	149H271040	Holder, Stereo/Signal LED
045B	51280308B0	B.H. Tapped Screw B3 x 8
047B	149H259020	Bushing, Auto Scan LED
051B	149H303020	Mask, Graphic EQ
052B	149H303030	Mask, Balance/Volume
J812	YJ06001040	Jack, 3P

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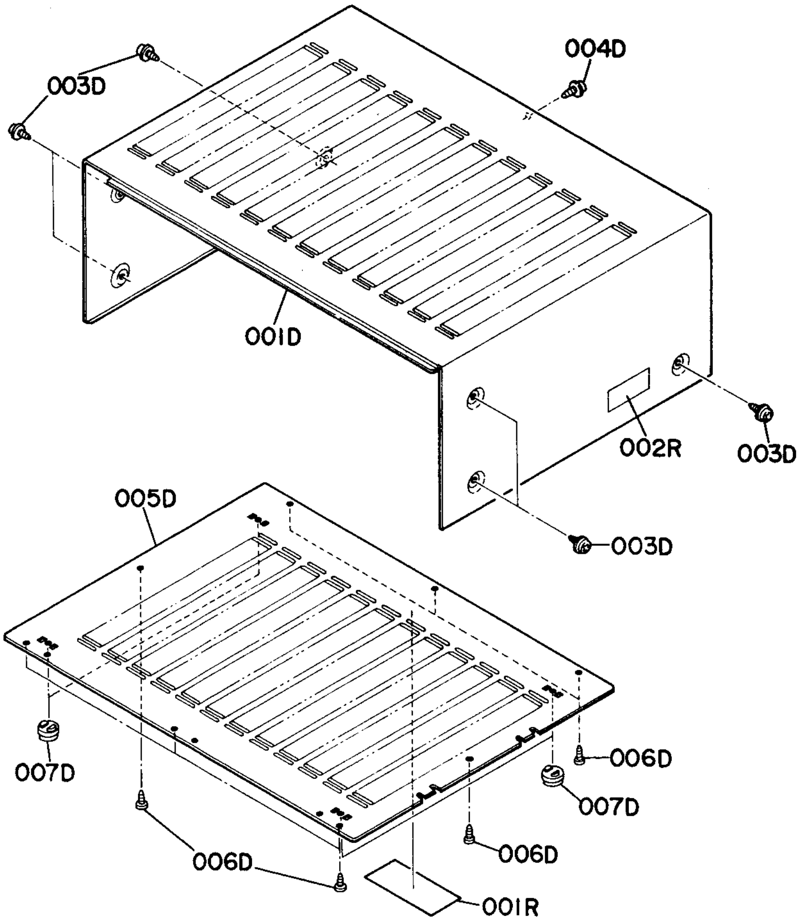
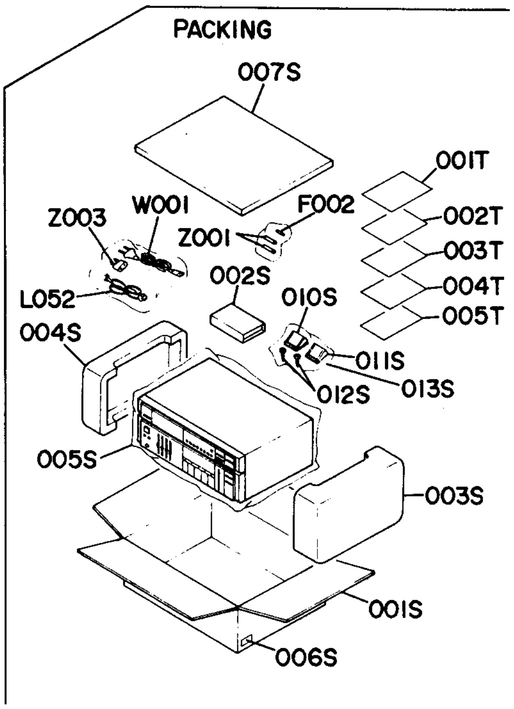
[P03-99] TOP COVER AND PACKING MATERIALS





REF. DESIG.	PART NO.	DESCRIPTION
001D	179T257010	Lid, Top Cover
003D	51260308U0	B.T. Screw B3 x 8
004D	51280308B0	B.H. Tapped Screw B3 x 8
005D	288H257020	Lid, Bottom Cover
006D	51280308B0	B.H. Tapped Screw B3 x 8
007D	258H057010	Leg
001R	2911861110	Label, Caution
002R	2911861140	Label, Caution
		PACKING
001S	150H801010	Packing Case, (RX353) [N, A]
	150H801020	Packing Case, (RX353) [E]
	150H801030	Packing Case, (RX353) [P]
	153H801010	Packing Case, (RX353L)
	149H801010	Packing Case, (RX253) [N, A]
	149H801020	Packing Case, (RX253) [E]
	149H801030	Packing Case, (RX253) [P]
	152H801010	Packing Case, (RX253L)
	148H801010	Packing Case, (RX153) [N, A]
	148H801020	Packing Case, (RX153) [E]
	151H801010	Packing Case, (RX153L)
002S	150H804010	Sleeve, Remocon, (RX353/RX353L) (RX253/RX253L)
003S	179T809010	Cushion, (R)
004S	179T809020	Cushion, (L)
005S	9090808030	Polyethylene Sheet
006S	9526019060	Serial No. Card [N, E, P]
	9526019030	Serial No. Card [A]

REF. DESIG.	PART NO.	DESCRIPTION
007S	288H807010	Reinforcing [E, P]
010S	446H004210	Table, Player; (R)
011S	446H004220	Table, Player; (L)
012S	51260308B0	B.T. Screw B3 x 8
013S	9011025010	Polyethylene Bag
001T	150H851310	User Manual
002T	150H851320	User Manual, Spec (RX353/RX353L)
	149H851320	User Manual, Spec (RX253/RX253L)
	148H851320	User Manual, Spec (RX153/RX153L)
003T	150H856010	Circuit Diagram, (RX353) [N, E]
	153H856010	Circuit Diagram, (RX353L)
	149H856010	Circuit Diagram, (RX253) [N, E]
	152H856010	Circuit Diagram, (RX253L)
	148H856010	Circuit Diagram, (RX153) [N, E]
	151H856010	Circuit Diagram, (RX153L)
004T	9631000090	Warranty Card [A]
	416H854010	Warranty Card [P]
005T	3435851210	User Manual [P]
F002	FS10125800	Fuse T1.25A 120V [E]
	FS10063800	Fuse 630mA 250V [P]
L052	ZA02000070	EXT. Antenna
⚠W001	ZC01805010	A.C. Power Cord [N]
	ZC02006020	A.C. Power Cord [A]
Z001	ZB02032020	Battery SUM-3
Z003	YJ04000240	Jack, AC Plug [E, P]

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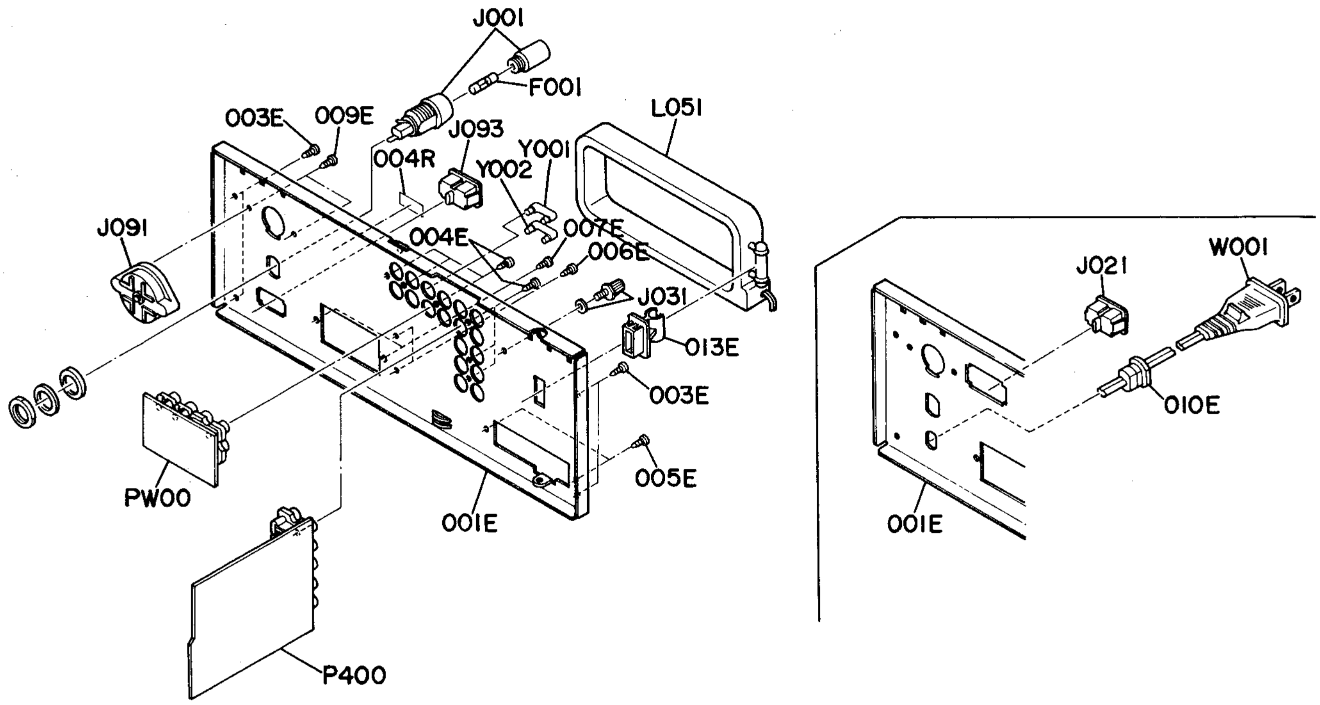
[P04-99] REAR PANEL



REF. DESIG.	PART NO.	DESCRIPTION
001E	150H250010	Rear Panel, (RX353) [N, A]
	150H250020	Rear Panel, (RX353) [E, P]
	153H250010	Rear Panel, (RX353L)
	149H250010	Rear Panel, (RX253) [N, A]
	149H250020	Rear Panel, (RX253) [E, P]
	152H250010	Rear Panel, (RX253L)
	148H250010	Rear Panel, (RX153) [N, A]
	148H250020	Rear Panel, (RX153) [E]
	151H250010	Rear Panel, (RX153L)
003E	51280308B0	B.H. Tapped Screw B3 x 8
004E	51280308B0	B.H Tapped Screw B3 x 8
005E	51280308B0	B.H. Tapped Screw B3 x 8
006E	51280308B0	B.H. Tapped Screw B3 x 8
007E	51280308B0	B.H. Tapped Screw B3 x 8
009E	51280308B0	B.H. Tapped Screw B3 x 8
010E	1455259030	Bushing, AC Power Cord [E, P]
013E	417H271020	Holder, Loop Antenna
004R	2112265110	Indicator, Serial No.

REF. DESIG.	PART NO.	DESCRIPTION
⚠ F001	FS10063800	Fuse T630mA 250V [N, E, A]
	FS10125800	Fuse 1.25A 120V [P]
⚠ J001	YJ08000290	Jack, Fuse Holder
⚠ J021	YJ04001210	Jack, AC Outlet [E, P]
J031	YL03010250	Terminal, GND
⚠ J091	BY05030040	Voltage Selector [N, A]
	BY05080050	Voltage Selector [E]
⚠ J093	YP04000580	Plug, AC Inlet [N, A]
L051	LA00015020	Antenna Coil, Loop
⚠ W001	YC01900080	A.C. Power Cord [E, P]
Y001	YQ01000080	Shote Plug
Y002	YQ01000080	Shote Plug

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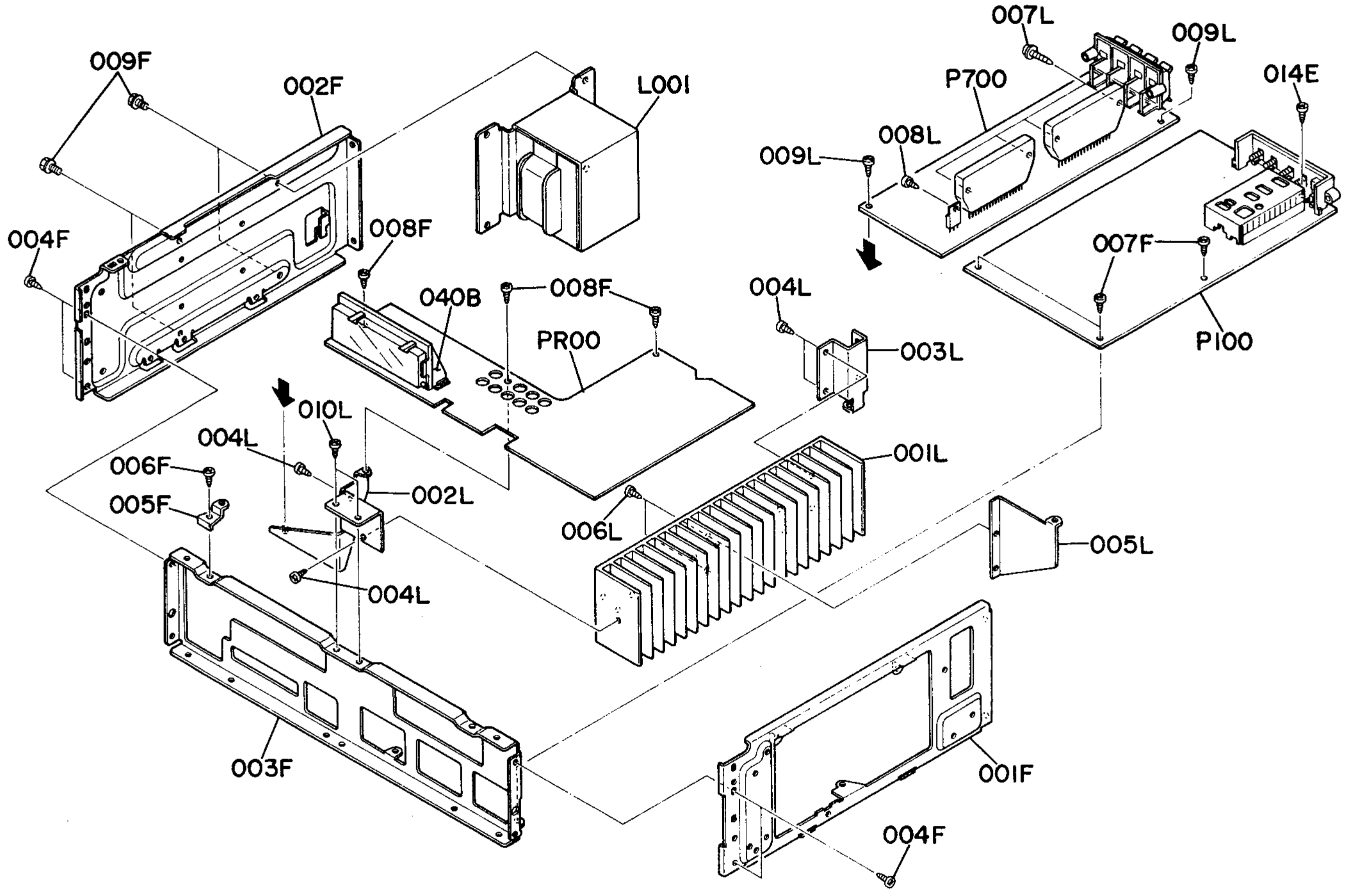
[P05-99] CHASSIS


007L
009L
009F
002F
L001
P700
014E
008L
009L
004F
008F
007F
040B
008F
004L
PR00
003L
P100
010L
004L
001L
006F
002L
005F
006L
005L
004L
003F
001F
004F

REF. DESIG.	PART NO.	DESCRIPTION
040B	149H271010	Holder, FL
014E	51280308B0	B.H. Tapped Screw B3 x 8 [N]
001F	288H105020	Chassis, Side; (R)
002F	288H105130	Chassis, Side; (L)
003F	149H105010	Chassis, Front
004F	51280308B0	B.H. Tapped Screw B3 x 8
005F	149H160050	Bracket
006F	51280308B0	B.H. Tapped Screw B3 x 8
007F	51280308B0	B.H. Tapped Screw B3 x 8
008F	51280308B0	B.H. Tapped Screw B3 x 8
009F	52040408A0	H. Head Bolt, S.F H4 x 8
001L	149H267010	Heatsink, Main (RX353/RX353L) (RX253/RX253L)
	148H267010	Heatsink, Main (RX153/RX153L)
002L	149H160010	Bracket, Front
003L	149H160020	Bracket, Rear
004L	51280308B0	B.H. Tapped Screw B3 x 8
005L	149H160030	Bracket, Center
006L	51280308B0	B.H. Tapped Screw B3 x 8
007L	51780315B0	Fin Neck B.T. Screw B3 x 15
008L	51280308B0	B.H. Tapped Screw B3 x 8
009L	51280308B0	B.H. Tapped Screw B3 x 8
010L	51280308B0	B.H. Tapped Screw B3 x 8
⚠L001	TS16806010	Power Transformer (RX353/RX353L) (RX253/RX253L) [N, A]
	TS16806020	Power Transformer (RX353/RX353L) (RX253/RX253L) [E, P]
	TS16805010	Power Transformer (RX153/R153L) [N, A]
	TS16806030	Power Transformer (RX153/RX153L) [E]

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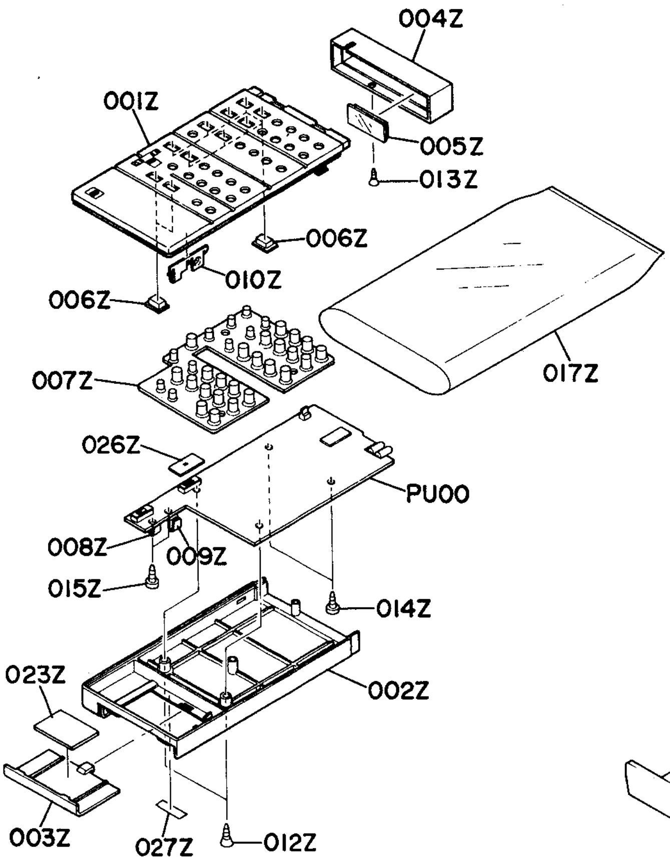
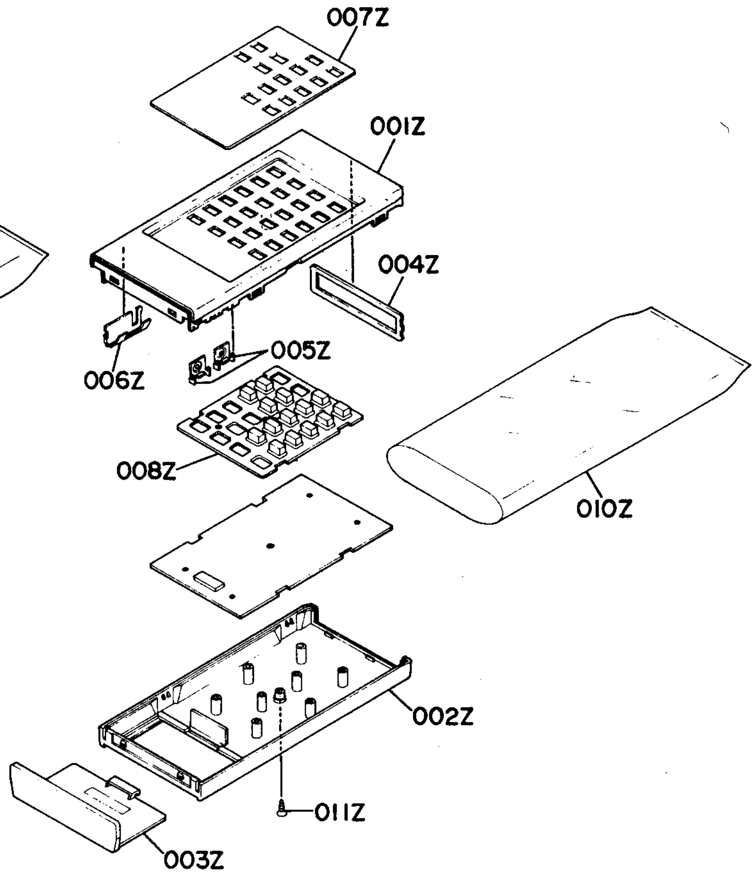
REMOCON (Model RX353/353L)


004Z
001Z
005Z
013Z
006Z
010Z
006Z
017Z
007Z
026Z
PU00
008Z
009Z
015Z
014Z
023Z
002Z
003Z
027Z
012Z

REMOCON (Model RX253/253L)


007Z
001Z
004Z
005Z
006Z
008Z
010Z
002Z
011Z
003Z

REF. DESIG.	PART NO.	DESCRIPTION
		REMOCON (RX353/RX353L)
001Z	025H064210	Case, Front; (RMC-11)
002Z	017H064320	Case, Back
003Z	017H064330	Case, Battery
004Z	017H401330	Frame, Top
005Z	017H158020	Window, LED
006Z	017H270070	Button
007Z	025H127110	Control Board
008Z	017H123010	Contactor, Battery; (+)
009Z	017H123020	Contactor, Battery; (—)
010Z	017H123030	Contactor, Battery; (+, —)
012Z	51402612R0	B.H. Tapped Screw B2.6 x 12
013Z	51420206R0	O.C.H. Tapped Screw O2 x 6
014Z	51302606B0	P.H. Tapped Screw P2.6 x 6
015Z	51302606B0	P.H. Tapped Screw P2.6 x 6
017Z	9011325010	Polyethylene Bag
023Z	4724056010	Buffer, Battery Case
026Z	025H303110	Mask, Slide Switch
027Z	4581861010	Label, Made in Japan

REF. DESIG.	PART NO.	DESCRIPTION
		(RX253/RX253L)
001Z	149H064010	Case, Front; (RMC101)
002Z	149H064020	Case, Back
003Z	149H064030	Case, Battery
004Z	149H158050	Window, Front
005Z	149H123010	Contactor, Battery
006Z	149H123020	Contactor, Battery
007Z	149H265010	Indicator, Plate
008Z	149H270080	Button
010Z	9011020010	Polyethylene Bag
011Z	51502608U0	F.H. Tapped Screw F2.6 x 8

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ASSIGNMENT OF COMMON PARTS CODES.

RESISTOR
R***: (1) GD05 --- 140, Carbon film fixed resistor, ±5%, 1/4W
R***: (2) GD05 --- 160, Carbon film fixed resistor, ±5%, 1/6W
① — Resistance value

Examples
① Resistance value
0.1Ω...001 10Ω...100 1kΩ...102 100kΩ...104
0.5Ω...005 18Ω...180 2.7kΩ...272 680kΩ...684
1Ω...010 100Ω...101 10kΩ...103 1MkΩ...105
6.8Ω...068 390Ω...391 22kΩ...223 4.7MkΩ...475

(Note) Please distinguish 1/4W from 1/6W by the shape of parts used actually.

C***: CERAMIC CAP.
(1) DD1 ----370, Ceramic condenser
①② Disc type
Temp. coeff. P350 ~ N1000, 50V
② — Capacity value
① — Tolerance

Examples
① Tolerance (Capacity deviation)
±0.25pF...0
±0.5pF...1
±5%...5

* Tolerance of COMMON PARTS handled here are as follows:
0.5pF ~ 5pF...±0.25pF
6pF ~ 10pF...±0.5pF
12pF ~ 560pF...±5%

② Capacity value
0.5pF...005 3pF...030 100pF...101
1pF...010 10pF...100 220pF...221
1.5pF...015 47pF...470 560pF...561

C***: CERAMIC CAP.
(1) DK16 --- 300, High dielectric constant ceramic condenser
① Disc type
Temp. chara. 2B4, 50V
— Capacity value

Example
② Capacity value
100pF...101 1000pF...102 10000pF...103
470pF...471 2200pF...222

C***: ELECTROLY CAP. (⧧), FILM CAP. (╪)
(1) EA------10, Electrolytic condenser
①② One-way lead type, Tolerance ±20%
② — Dielectric strength
① — Capacity value

Examples
① Capacity value
0.1μF...104 4.7μF...475 100μF...107
0.33μF...334 10μF...106 330μF...337
1μF...105 22μF...226 1100μF...108
2200μF...228

② Working voltage
6.3V...006 25V...025
10V...010 35V...035
16V...016 50V...050

(2) DF15 --- 350, Plastic film condenser
① One-way type, Mylar ±5% 50V
— Capacity value

Examples
① Capacity value
0.001μF (1000pF)...102 0.1μF...104
0.0018μF.............182 0.56μF...564
0.01μF.............103 1μF...105
0.015μF.............153

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9. ELECTRICAL PARTS LIST

(Model RX353/353L)

- ●(N): for Europe
- ●(E): for Europe
- ●(A): for Australia
- ●(P): for PX

REF. DESIG.	PART NO.	DESCRIPTION
		P100-TUNER CIRCUIT BOARD
P100	YK148H0210	P.W. Board, Tuner
	ZZ148H8210	P.W. Board Assembly (RX353) [N]
	ZZ148H7210	P.W. Board Assembly (RX353) [E, P]
	ZZ148H6210	P.W. Board Assembly (RX353) [A]
	ZZ151H8210	P.W. Board Assembly (RX353L)
		P100-CAPACITORS
CA01	DK18103310	Ceramic 0.01μF +80% −20%
CA02	CT12000090	Trimming 20pF
CA03	DK18223310	Ceramic 0.022μF +80% −20%
CA05	DK18103310	Ceramic 0.01μF +80% −20% (RX353)
CA06	DK18103310	Ceramic 0.01μF +80% −20% (RX353L)
CA08	DF15391550	Film 390pF ±5% 100V
CA10	DK18103310	Ceramic 0.01μF +80% −20% (RX353L)
CA11	CT12000090	Trimming 20pF (RX353L)
CA12	DK18223310	Ceramic 0.022μF +80% −20% (RX353L)
CA15	DK18103310	Ceramic 0.01μF +80% −20% (RX353L)
CA17	DD15151300	Ceramic 150pF ±5% (RX353L)
CA19	DK18223310	Ceramic 0.022μF +80% −20%
CA21	DK18102310	Ceramic 1000pF +80% −20%
CA22	DK18223310	Ceramic 0.022μF +80% −20%
CA23	DK18103310	Ceramic 0.01μF +80% −20% (RX353L)
CA24	DK18223310	Ceramic 0.022μF +80% −20%
CA26	DK18103310	Ceramic 0.01μF +80% −20%
CA27	DK18103310	Ceramic 0.01μF +80% −20%
CA29	DK18103310	Ceramic 0.01μF +80% −20%
CA30	DK18102310	Ceramic 1000pF +80% −20%
CA31	DK18103310	Ceramic 0.01μF +80% −20%
CA32	DK18103310	Ceramic 0.01μF +80% −20% (RX353L)
CA34	DK18103310	Ceramic 0.01μF +80% −20%
CA37	DK18103310	Ceramic 0.01μF +80% −20%
CA40	DK18103310	Ceramic 0.01μF +80% −20% (RX353L)
C201	DK18103310	Ceramic 0.01μF +80% −20%
C202	DK18103310	Ceramic 0.01μF +80% −20%
C203	DK18223310	Ceramic 0.022μF +80% −20%
C204	DK18223310	Ceramic 0.022μF +80% −20%
C207	DK18223310	Ceramic 0.022μF +80% −20%
C209	DK18223310	Ceramic 0.022μF +80% −20%
C212	DK18223310	Ceramic 0.022μF +80% −20%
C213	DK18223310	Ceramic 0.022μF +80% −20%
C214	DK18223310	Ceramic 0.022μF +80% −20%
C215	DK18223310	Ceramic 0.022μF +80% −20%
C303	DF15471550	Film 470pF ±5% 100V
C503	DK18103310	Ceramic 0.01μF +80% −20%
		P100-RESISTORS
RA24	RA02230600	22KΩ, Trimming; Signal Strength
R203	GG05181140	180Ω ±5% ¼W
⚠R214	GG05181140	180Ω ±5% ¼W
R215	RA04730600	47KΩ, Trimming; Mut. Level
R303	RA04720600	4.7KΩ, Trimming; VCO
⚠R306	GG05181140	180Ω ±5% ¼W
R317	RA02240600	220KΩ, Trimming; Separation

REF. DESIG.	PART NO.	DESCRIPTION
		P100-SEMICONDUCTORS
DA01	HD40006030	Varicap SVC321SP
DA02	HD20015210	Diode 1SS133 (RX353L)
DA03	HD40006030	Varicap SVC321SP
DA04	HD40006030	Varicap SVC321SP
DA05	HD20015210	Diode 1SS133 (RX353L)
DA06	HD40006030	Varicap SVC321SP (RX353L)
DA07	HD20015210	Diode 1SS133 (RX353L)
DA08	HD20015210	Diode 1SS133 (RX353L)
DA09	HD20015210	Diode 1SS133 (RX353L)
D201	HD20015210	Diode 1SS133
QA01	HF200551D0	F.E.T. 2SK55(D)
QA02	HF200300B0	F.E.T. 2SK30A(Y1), (RX353L)
QA03	HC10058030	IC LA1245
QA04	HT406551E0	Transistor 2SD655(E), (RX353L)
QA05	HF200551D0	F.E.T. 2SK55(D), (RX353L)
QA06	HF200300B0	F.E.T. 2SK30A(Y1), (RX353L)
QA07	HT30001000	Transistor 2SC536SP(F, G) etc. (RX353L)
QA08	HT30001000	Transistor 2SC536SP(F, G) etc. (RX353L)
QA09	HT10001000	Transistor 2SA608SP(F, G) etc.
QA10	HT10001000	Transistor 2SA608SP(F, G) etc. (RX353L)
Q201	HT308291C0	Transistor 2SC829(C)
Q202	HC10028030	IC LA1231N
Q203	HT30001000	Transistor 2SC536SP(F, G) etc.
Q204	HT30001000	Transistor 2SC536SP(F, G) etc.
Q205	HT30001000	Transistor 2SC536SP(F, G) etc.
Q206	HT10001000	Transistor 2SA608SP(F, G) etc.
Q301	HC10046020	IC AN7470
Q302	HT10001000	Transistor 2SA608SP(F, G) etc.
Q303	HT30001000	Transistor 2SC536SP(F, G) etc.
Q304	HT30001000	Transistor 2SC536SP(F, G) etc.
Q305	HT30001000	Transistor 2SC536SP(F, G) etc.
Q501	HC10164030	IC LM7000
Q503	HF200300B0	F.E.T. 2SK30A(Y1)
Q504	HT30001000	Transistor 2SC536SP(F, G) etc.
Q505	HT30001000	Transistor 2SC536SP(F, G) etc.
		P100-MISCELLANEOUS
A101	AV01202180	V.H.F. Tuner, FE407-G23 (RX353) [N, A]
	AV01202130	V.H.F. Tuner, FE306-A14 (RX353) [E, P]
	AV01202130	V.H.F. Tuner, FE306-A14 (RX353L)
FA01	FF10045320	Ceramic Filter, SFZ450F3L
FA02	FF10045270	Ceramic Filter, BFU450C (RX353)
F201	FF11070620	Ceramic Filter, SFE10.7MS3-A [N, A]
	FF11070610	Ceramic Filter, SFE10.7MA8-A [E, P]
F202	FF11070620	Ceramic Filter, SFE10.7MS3-A
J101	YT01050040	Terminal, 5P; Antenna
J303	YJ07001550	Jack, 5P
J304	YJ07001540	Jack, 4P
LA01	LA10295140	Antenna Coil, MW
LA02	LO10013170	OSC Coil, AM (RX353)
LA02	LO10013170	OSC Coil, MW (RX353L)
LA03	LA10295150	Antenna Coil, LW (RX353L)
LA04	LO10013180	OSC Coil, LW (RX353L)
LA05	LI10013210	I.F.T. Coil, AM

REF. DESIG.	PART NO.	DESCRIPTION
L201	LI20029040	I.F.T. Coil, FM DET
L202	LS10295030	M.P.X. Coil, Antibirde Filter [N, A]
SC01	SS02020730	Slide Switch, Scan Step (RX353) [E, P]
W501	YU05160260	Jumper Lead, 5P
W502	YU04160260	Jumper Lead, 4P (RX353) [N, A]
	YU06160260	Jumper Lead, 6P (RX353) [E, P]
	YU05160260	Jumper Lead, 5P (RX353L)
X501	XI01150010	Crystal 7.2MHz
		P400-PHONO/FUNCTION CIRCUIT BOARD
P400	YK148H1720	P.W. Board, Phono/Function
	ZZ150H8720	P.W. Board Assembly [N]
	ZZ150H7720	P.W. Board Assembly [A, E, P]
		P400-CAPACITORS
CS16	DK18103310	Ceramic 0.01µF +80% −20%
C417	DK18103310	Ceramic 0.01µF +80% −20%
		P400-RESISTORS
⚠R415	GG05181140	180Ω ±5% ¼W
⚠R416	GG05181140	180Ω ±5% ¼W
		P400-SEMICONDUCTORS
QS01	HC10168030	IC LC7818
Q401	HC10054210	IC BA4558
		P400-MISCELLANEOUS
JS01	YT02060210	Terminal, 6P; AUX, Tape/IN-OUT
JS04	YJ07001530	Jack, 3P
JS05	YJ07001530	Jack, 3P
JS06	YJ07001570	Jack, 7P
J401	YT02040610	Terminal, 4P, RCA Jack
WS02	YU05160260	Jumper Lead, 5P
WS03	YU05160260	Jumper Lead, 5P
		P700-MAIN AMP CIRCUIT BOARD
P700	YK146H1710	P.W. Board, Main Amp
	ZZ149H8710	P.W. Board Assembly (RX353) [N]
	ZZ149H7710	P.W. Board Assembly (RX353) [A, E, P]
	ZZ151H8710	P.W. Board Assembly (RX353L) [N]
		P700-CAPACITORS
C715	DK18102310	Ceramic 1000pF +80% −20%
C716	DK18102310	Ceramic 1000pF +80% −20%
C801	EB47804520	Elec. 4700µF 45V
C802	EB47804520	Elec. 4700µF 45V
C808	DK18103310	Ceramic 0.01µF +80% −20%
C809	DK18103310	Ceramic 0.01µF +80% −20%
		P700-RESISTORS
⚠RN10	GO10222030	0.22Ω ±5% 3W
⚠RN11	GO10222030	0.22Ω ±5% 3W
⚠R721	GA05100020	10Ω ±5% 2W
⚠R722	GA05100020	10Ω ±5% 2W
⚠R802	GA05102010	1KΩ ±5% 1W
⚠R803	GA05681020	680Ω ±5% 2W [N, A]
	GA05681010	680Ω ±5% 1W [E, P]
⚠R806	GA05121010	120Ω ±5% 1W
⚠R807	NH05010140	1Ω ±5% ¼W, Fusible

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REF. DESIG.	PART NO.	DESCRIPTION
		P700-SEMICONDUCTORS
DN01	HD20016210	Diode 1SR35
DN03	HD20015210	Diode 1SS133
DN04	HD20015210	Diode 1SS133
DN05	HD20015210	Diode 1SS133
DN06	HD20015210	Diode 1SS133
DN07	HD20015210	Diode 1SS133
⚠D801	HD20008290	Diode S4VB
D802	HD20016210	Diode 1SR35-200A
D803	HD20016210	Diode 1SR35-200A
D804	HD20016210	Diode 1SR35-200A
D805	HD20016210	Diode 1SR35-200A
D806	HD30005020	Zener MA1056M
D807	HD30012020	Zener MA1150M
D808	HD30005020	Zener MA1056M
QN01	HC10042050	IC TA7317P
QN02	HT111752D0	Transistor 2SA1175(EF, FF)
QN03	HT111752D0	Transistor 2SA1175(EF, FF)
QN04	HT327852D0	Transistor 2SC2785(EF, FF)
QN05	HT327852D0	Transistor 2SC2785(EF, FF)
QN06	HH00007030	Thermistor SDT-100
QN07	HH00007030	Thermistor SDT-100
Q701	HC10176030	IC STK4028V
Q702	HC10176030	IC STK4028V
⚠Q801	HC38515090	IC NJM78M15
		P700-MISCELLANEOUS
J708	YT03080020	Terminal, 8P; Speaker
J812	YJ06001040	Jack, 3P
W801	YU05180260	Jumper Lead, 5P
W802	YU03140260	Jumper Lead, 3P
		PE00-GRAPHIC EQ CIRCUIT BOARD
PE00	YK148H1760 ZZ148H1760	P.W. Board, Graphic EQ P.W. Board Assembly
		PE00-RESISTOR
⚠RE05	GG05221140	220Ω ±5% ¼W
		PE00-SEMICONDUCTORS
QE01	HC10052210	IC BA3812L
QE02	HC10052210	IC BA3812L
		PE00-MISCELLANEOUS
JE01	YP06001040	Plug, 3P
JE02	YJ07001530	Jack, 3P
WE01	YU02160260	Jumper Lead, 2P
		PE01-GRAPHIC EQ VOLUME CIRCUIT BOARD
PE01	YK148H1770 ZZ148H1770	P.W. Board, Graphic EQ Volume P.W. Board Assembly
RE10	RS02540160	Variable Resistor 250KΩ(W)x2
RE11	RS02540160	Variable Resistor 250KΩ(W)x2
RE12	RS02540160	Variable Resistor 250KΩ(W)x2
RE13	RS02540160	Variable Resistor 250KΩ(W)x2
RE14	RS02540160	Variable Resistor 250KΩ(W)x2

REF. DESIG.	PART NO.	DESCRIPTION
		PG00-VOLUME CIRCUIT BOARD
PG00	YK148H1740 ZZ150H1740	P.W. Board, Volume P.W. Board Assembly
		PG00-RESISTOR
RG22	RX02040120	200KΩ(W), Variable
		PG00-SEMICONDUCTORS
DG04 ~ DG08	HI10038030	L.E.D. SLP281F-50U
DG09 ~ DG12	HD20015210	Diode 1SS133
DS01 ~ DS05	HI10038030	L.E.D. SLP281F-50U
DS06	HD30004020	Zener MA1051M
QG01	HC10085050	IC TC9153P
QG02	HC10054210	IC BA4558DX
QG03	HT406551E0	Transistor 2SD655E
QG04	HT406551E0	Transistor 2SD655E
QG05	HC10008370	IC TL489CP
		PG00-MISCELLANEOUS
SS51 ~ SS55	SP01010970	Push Switch, Function
WG01	YU03240260	Jumper Lead, 3P
WG02	YU04240260	Jumper Lead, 4P
WG03	YU07060260	Jumper Lead, 7P
WG04	YU03200260	Jumper Lead, 3P
WG05	YU07200260	Jumper Lead, 7P
		PG50-VOLUME UP-DOWN CIRCUIT BOARD
PG50	YK148H1750 ZZ149H1750	P.W. Board, Volume Up-Down P.W. Board Assembly
DG01	HD20015210	Diode 1SS133
DG02	HD20015210	Diode 1SS133
DG03	HI10060020	L.E.D. LN235RPH
QG06	HT30001000	Transistor 2SC2785 etc.
SG01	SP01010970	Push Switch, Volume
SG02	SP01010970	Push Switch, Volume
SG03	SP01010970	Push Switch, Volume
		PP00-POWER SWITCH CIRCUIT BOARD
PP00	YK146H1750 ZZ146H8750	P.W. Board, Power Switch P.W. Board Assembly
⚠G001	DK18103840	Ceramic Cap. 0.01μF 400V
⚠S001	SP01010660	Push Switch, Power

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REF. DESIG.	PART NO.	DESCRIPTION
		PR00-CONTROLLER FL. CIRCUIT BOARD
PR00	YK148H1710	P.W. Board, Controller FL.
	ZZ150H1710	P.W. Board Assembly (RX353) [N, A]
	ZZ150H2710	P.W. Board Assembly (RX353) [E, P]
	ZZ153H1710	P.W. Board Assembly (RX353L)
		PR00-CAPACITORS
CR01	DD15101300	Ceramic 100pF ±5%
CR02	DD15101300	Ceramic 100pF ±5%
CR03	DK18103310	Ceramic 0.01μF +80% −20%
CR06	DK18103310	Ceramic 0.01μF +80% −20%
CU09	DK18103310	Ceramic 0.01μF +80% −20%
GR02	BF10300060	Composite 0.01μFx5
GR03	BF33100010	Composite 330pFx7
		PR00-RESISTOR
GR01	BW05104020	100KΩx12 5% 1/8W, Composite
		PR00-SEMICONDUCTORS
DR01 ≀ DR06	HD20015210	Diode 1SS133
DR07	HD20015210	Diode 1SS133 [N, A]
DR08	HD20015210	Diode 1SS133 (RX353) [E, P]
DR09	HD20015210	Diode 1SS133 (RX353)
DR10	HD20015210	Diode 1SS133
DR11	HD20015210	Diode 1SS133 (RX353L)
DR12	HD20015210	Diode 1SS133 (RX353L)
DR13	HD20015210	Diode 1SS133
DR14	HD20015210	Diode 1SS133 (RX353) [E, P]
DR15	HD20015210	Diode 1SS133
DR16	HD20015210	Diode 1SS133
DU02	HD20015210	Diode 1SS133
DU03	HD20015210	Diode 1SS133
QR01	HC10163030	IC LC6502D-726
QR02	HT10001000	Transistor 2SA1175 etc. (RX353) [E,P]
QR03	HT30001000	Transistor 2SC2785 etc.
QR04	HT30001000	Transistor 2SC2785 etc.
QU02	HC10165030	IC LM6402
QU03 ≀ QU14	HT10001000	Transistor 2SA1175 etc.
Q502	HT10001000	Transistor 2SA1175 etc.
		PR00-MISCELLANEOUS
JR01	YJ07001550	Jack, 5P
JR02	YJ07001540	Jack, 4P (RX353) [N, A]
	YJ07001560	Jack, 6P (RX353) [E, P]
	YJ07001550	Jack, 5P (RX353L)
JR03	YJ07001540	Jack, 4P
JR04	YJ07001550	Jack, 5P
JR05	YJ07001550	Jack, 5P
JR06	YJ07001540	Jack, 4P
JU01	YJ07001550	Jack, 5P
JU02	YJ07001540	Jack, 4P
VR01	HQ30705060	Display Unit, FIP7P8C (RX353)
	HQ30706060	Display Unit, FIP7Q8C (RX353L)
WS01	YU05120260	Jumper Lead, 5P
WS02	YU04120260	Jumper Lead, 4P
WX01	YU04240260	Jumper Lead, 4P
XR01	FQ04003010	Seramic Vibrator, CSB400P

REF. DESIG.	PART NO.	DESCRIPTION
		PS00-SPEAKER A/B CIRCUIT BOARD
PS00	YK146H1730	P.W. Board, Speaker A/B
	ZZ149H1730	P.W. Board Assembly
SS50	SP02020880	Push Switch, Speaker A/B
		PS50-HEADPHONE CIRCUIT BOARD
PS50	YK146H1740	P.W. Board, Headphone
	ZZ149H8740	P.W. Board Assembly
RS51	GG05331120	Resistor 330Ω ±5% ½W
RS52	GG05331120	Resistor 330Ω ±5% ½W
JS50	YJ01002080	Jack, Headphone
WS03	YU04100260	Jumper Lead, 4P
		PW00-RCA JACK CIRCUIT BOARD
PW00	YK146H1760	P.W. Board, RCA Jack
	ZZ150H1760	P.W. Board Assembly
CW01	DK18103310	Ceramic Cap. 0.01μF +80% −20%
QW01	HT30001000	Transistor 2SC2785 etc.
QW02	HT30001000	Transistor 2SC2785 etc.
QW03	HT30001000	Transistor 2SC2785 etc.
JW01	YT02040550	Terminal, Surround IN/OUT
JW02	YT02020350	Terminal, 2P; Easy Bus
JW03	YT02020560	Terminal, 2P; RC Bus
Y001	YQ01000080	Shote Plug
Y002	YQ01000080	Shote Plug
WG01	YU03260260	Jumper Lead, 3P
WW01	YU05240260	Jumper Lead, 5P
WW02	YU07140260	Jumper Lead, 7P
		PX00-KEY BOARD SWITCH CIRCUIT BOARD
PX00	YK148H1720	P.W. Board, Key Board Switch
	ZZ149H1720	P.W. Board Assembly (RX353)
	ZZ152H1720	P.W. Board Assembly (RX353L)
		PX00-CAPACITOR
CU03	DK18223310	Ceramic 0.022μF +80% −20%
		PX00-SEMICONDUCTORS
DU01	HI60001060	L.E.D. PH-302
DX01	HI10043020	L.E.D. LN210RP
DX02	HI10043020	L.E.D. LN210RP
DX03	HI10043020	L.E.D. LN210RP
DX05	HI10043020	L.E.D. LN210RP
QU01	HC10071060	IC μPC1373H
QX01	HC10065020	IC AN6875

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REF. DESIG.	PART NO.	DESCRIPTION
		PX00-MISCELLANEOUS
LU01	LA74020010	Antenna Coil
SS01	SP01010970	Push Switch, UP
SS02	SP01010970	Push Switch, Down
SS03	SP01010970	Push Switch, FM
SS04	SP01010970	Push Switch, AM (RX353)
	SP01010970	Push Switch, MW (RX353L)
SS05	SP01010970	Push Switch, LW (RX353L)
SS07 ~ SS15	SP01010970	Push Switch
WX01	YU04180260	Jumper Lead, 4P
WX02	YU05120260	Jumper Lead, 5P
WX03	YU04120260	Jumper Lead, 4P
		PX50-AUTO/MANUAL CIRCUIT BOARD
PX50	YK148H1730	P.W. Board, Auto/Manual
	ZZ148H1730	P.W. Board Assembly
DX04	HI10039020	L.E.D. LN230RPP
SS06	SP01010970	Push Switch, Auto/Manual
WX04	YU04100260	Jumper Lead, 4P
		AU CONTACT DUAL CIRCUIT BOARD
PU00	YF452H0010	P.W. Board, AU Contact Dual
		PU00-SEMICONDUCTORS
DU01 ~ DU04	HD20001000	Diode 1S1555 etc.
QU01	HI10030020	L.E.D. LN224RP
QU02	HI20001060	L.E.D. SE303A
QU03	HI20001060	L.E.D. SE303A
QU04	HT320011K0	Transistor 2SC2001
QU05	HC10070060	IC μPD6102G
		PU00-MISCELLANEOUS
FU01	FQ04503010	Seramic Vibrator, 450KHz
SU01	SS01020510	Slide Switch, ON/OFF/Lock
SU02	SS01020510	Slide Switch, Tape 1-2

●(N): for Europe
●(E): for Europe
●(A): for Australia
●(P): for PX

(Model RX253/253L)

REF. DESIG.	PART NO.	DESCRIPTION
		P100-TUNER CIRCUIT BOARD
P100	YK148H0210	P.W. Board, Tuner
	ZZ148H8210	P.W. Board Assembly (RX253) [N]
	ZZ148H7210	P.W. Board Assembly (RX253) [E, P]
	ZZ148H6210	P.W. Board Assembly (RX253) [A]
	ZZ151H8210	P.W. Board Assembly (RX253L)
		P100-CAPACITORS
CA01	DK18103310	Ceramic 0.01μF +80% −20%
CA02	CT12000090	Trimming 20pF
CA03	DK18223310	Ceramic 0.022μF +80% −20%
CA05	DK18103310	Ceramic 0.01μF +80% −20% (RX253)
CA06	DK18103310	Ceramic 0.01μF +80% −20% (RX253L)
CA08	DF15391550	Film 390pF ±5% 100V
CA10	DK18103310	Ceramic 0.01μF +80% −20% (RX253L)
CA11	CT12000090	Trimming 20pF (RX253L)
CA12	DK18223310	Ceramic 0.022μF +80% −20% (RX253L)
CA15	DK18103310	Ceramic 0.01μF +80% −20% (RX253L)
CA17	DD15151300	Ceramic 150pF ±5% (RX253L)
CA19	DK18223310	Ceramic 0.022μF +80% −20%
CA21	DK18102310	Ceramic 1000pF +80% −20%
CA22	DK18223310	Ceramic 0.022μF +80% −20%
CA23	DK18103310	Ceramic 0.01μF +80% −20% (RX253L)
CA24	DK18223310	Ceramic 0.022μF +80% −20%
CA26	DK18103310	Ceramic 0.01μF +80% −20%
CA27	DK18103310	Ceramic 0.01μF +80% −20%
CA29	DK18103310	Ceramic 0.01μF +80% −20%
CA30	DK18102310	Ceramic 1000pF +80% −20%
CA31	DK18103310	Ceramic 0.01μF +80% −20%
CA32	DK18103310	Ceramic 0.01μF +80% −20% (RX253L)
CA34	DK18103310	Ceramic 0.01μF +80% −20%
CA37	DK18103310	Ceramic 0.01μF +80% −20%
CA40	DK18103310	Ceramic 0.01μF +80% −20% (RX253L)
C201	DK18103310	Ceramic 0.01μF +80% −20%
C202	DK18103310	Ceramic 0.01μF +80% −20%
C203	DK18223310	Ceramic 0.022μF +80% −20%
C204	DK18223310	Ceramic 0.022μF +80% −20%
C207	DK18223310	Ceramic 0.022μF +80% −20%
C209	DK18223310	Ceramic 0.022μF +80% −20%
C212	DK18223310	Ceramic 0.022μF +80% −20%
C213	DK18223310	Ceramic 0.022μF +80% −20%
C214	DK18223310	Ceramic 0.022μF +80% −20%
C215	DK18223310	Ceramic 0.022μF +80% −20%
C303	DF15471550	Film 470pF ±5% 100V
C503	DK18103310	Ceramic 0.01μF +80% −20%
		P100-RESISTORS
RA24	RA02230600	22KΩ, Trimming; Signal Strength
R203	GG05101140	100Ω [N, A]
	GG05181140	180Ω [E, P]
⚠ R214	GG05181140	180Ω ±5% ¼W
R215	RA04730600	47KΩ, Trimming; Mut. Level
R303	RA04720600	4.7KΩ, Trimming; VCO
⚠ R306	GG05181140	180Ω ±5% ¼W
R317	RA02240600	220KΩ, Trimming; Separation

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REF. DESIG.	PART NO.	DESCRIPTION
		P100-SEMICONDUCTORS
DA01	HD40006030	Varicap SVC321SP
DA02	HD20015210	Diode 1SS133 (RX253L)
DA03	HD40006030	Varicap SVC321SP
DA04	HD40006030	Varicap SVC321SP (RX253L)
DA05	HD20015210	Diode 1SS133 (RX253L)
DA06	HD40006030	Varicap SVC321SP (RX253L)
DA07	HD20015210	Diode 1SS133 (RX253L)
DA08	HD20015210	Diode 1SS133 (RX253L)
DA09	HD20015210	Diode 1SS133 (RX253L)
D201	HD20015210	Diode 1SS133
QA01	HF200551D0	F.E.T. 2SK55(D)
QA02	HF200300B0	F.E.T. 2SK30A(Y1), (RX253L)
QA03	HC10058030	IC LA1245
QA04	HT406551E0	Transistor 2SD655(E), (RX253L)
QA05	HF200551D0	F.E.T. 2SK55(D), (RX253L)
QA06	HF200300B0	F.E.T. 2SK30A(Y1), (RX253L)
QA07	HT30001000	Transistor (RX253L) 2SC536SP(F, G) etc.
QA08	HT30001000	Transistor (RX253L) 2SC536SP(F, G) etc.
QA09	HT10001000	Transistor 2SA608SP(F, G) etc.
QA10	HT10001000	Transistor (RX253L) 2SA608SP(F, G) etc.
Q201	HT308291C0	Transistor 2SC829(C)
Q202	HC10028030	IC LA1231N
Q203	HT30001000	Transistor 2SC536SP(F, G) etc.
Q204	HT30001000	Transistor 2SC536SP(F, G) etc.
Q205	HT30001000	Transistor 2SC536SP(F, G) etc.
Q206	HT10001000	Transistor 2SA608SP(F, G) etc.
Q301	HC10046020	IC AN7470
Q302	HT10001000	Transistor 2SA608SP(F, G) etc.
Q303	HT30001000	Transistor 2SC536SP(F, G) etc.
Q304	HT30001000	Transistor 2SC536SP(F, G) etc.
Q305	HT30001000	Transistor 2SC536SP(F, G) etc.
Q501	HC10164030	IC LM7000
Q503	HF200300B0	F.E.T. 2SK30A(Y1)
Q504	HT30001000	Transistor 2SC536SP(F, G) etc.
Q505	HT30001000	Transistor 2SC536SP(F, G) etc.
		P100-MISCELLANEOUS
A101	AV01202180	V.H.F. Tuner, FE407-G23 (RX253) [N, A]
	AV01202130	V.H.F. Tuner, FE306-A14 (RX253) [E, P]
	AV01202130	V.H.F. Tuner, FE306-A14 (RX253L)
FA01	FF10045320	Ceramic Filter, SFZ450F3L
FA02	FF10045270	Ceramic Filter, BFU450C (RX253)
F201	FF11070620	Ceramic Filter, SFE10.7MS3-A [N A]
	FF11070610	Ceramic Filter, SFE10.7MA8-A [E, P]
F202	FF11070620	Ceramic Filter, SFE10.7MS3-A
J101	YT01050040	Terminal, 5P; Antenna
J303	YJ07001550	Jack, 5P
J304	YJ07001540	Jack, 4P
LA01	LA10295140	Antenna Coil
LA02	LO10013170	OSC Coil, AM (RX253)
LA02	LO10013170	OSC Coil, MW (RX253L)
LA03	LA10295150	Antenna Coil, LW (RX253L)
LA04	LO10013180	OSC Coil, LW (RX253L)
LA05	LI10013210	I.F.T. Coil, AM

REF. DESIG.	PART NO.	DESCRIPTION
L201	LI20029040	I.F.T. Coil, FM DET
L202	LS10295030	M.P.X. Coil, Antibirde Filter [N, A]
SC01	SS02020730	Slide Switch, Scan Step (RX253) [E, P]
W501	YU05160260	Jumper Lead, 5P
W502	YU04160260	Jumper Lead, 4P (RX253) [N, A]
	YU06160260	Jumper Lead, 6P (RX253) [E, P]
	YU05160260	Jumper Lead, 5P (RX253L)
X501	XI01150010	Crystal 7.2MHz
		P400-PHONO/FUNCTION CIRCUIT BOARD
P400	YK146H1720	P.W. Board, Phono/Function
	ZZ148H8720	P.W. Board Assembly [N]
	ZZ148H7720	P.W. Board Assembly [A, E, P]
		P400-CAPACITORS
CS16	DK18103310	Ceramic 0.01µF +80% −20%
C417	DK18103310	Ceramic 0.01µF +80% −20%
		P400-RESISTORS
⚠ R415	GG05181140	180Ω ±5% ¼W
⚠ R416	GG05181140	180Ω ±5% ¼W
		P400-SEMICONDUCTORS
QS01	HC10168030	IC LC7818
Q401	HC10054210	IC BA4558
		P400-MISCELLANEOUS
JS01	YT02060210	Terminal, 6P, AUX, Tape/IN-OUT
JS04	YJ07001530	Jack, 3P
JS05	YJ07001530	Jack, 3P
JS06	YJ07001570	Jack, 7P
J401	YT02040610	Terminal, 4P; RCA Jack
WS03	YU05160260	Jumper Lead, 5P
WW02	YU05140260	Jumper Lead, 5P
		P700-MAIN AMP CIRCUIT BOARD
P700	YK146H1710	P.W. Board, Main Amp
	ZZ149H8710	P.W. Board Assembly [N]
	ZZ149H7710	P.W. Board Assembly [A, E, P]
		P700-CAPACITORS
C715	DK18102310	Ceramic 1000pF +80% −20%
C716	DK18102310	Ceramic 1000pF +80% −20%
C801	EB47804520	Elec. 4700µF 45V
C802	EB47804520	Elec. 4700µF 45V
C808	DK18103310	Ceramic 0.01µF +80% −20%
C809	DK18103310	Ceramic 0.01µF +80% −20%
		P700-RESISTORS
⚠ RN10	GO10222030	0.22Ω ±5% 3W
⚠ RN11	GO10222030	0.22Ω ±5% 3W
⚠ R721	GA05100020	10Ω ±5% 2W
⚠ R722	GA05100020	10Ω ±5% 2W
⚠ R802	GA05102010	1KΩ ±5% 1W
⚠ R803	GA05681020	680Ω ±5% 2W [N, A]
	GA05681010	680Ω ±5% 1W [E, P]
⚠ R806	GA05151010	150Ω ±5% 1W
⚠ R807	NH05010140	1Ω ±5% ¼W, Fusible

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REF. DESIG.	PART NO.	DESCRIPTION
		P700-SEMICONDUCTORS
DN01	HD20016210	Diode 1SR35
DN03	HD20015210	Diode 1SS133
DN04	HD20015210	Diode 1SS133
DN05	HD20015210	Diode 1SS133
DN06	HD20015210	Diode 1SS133
DN07	HD20015210	Diode 1SS133
⚠D801	HD20008290	Diode S4VB
D802	HD20016210	Diode 1SR35-200A
D803	HD20016210	Diode 1SR35-200A
D804	HD20016210	Diode 1SR35-200A
D805	HD20016210	Diode 1SR35-200A
D806	HD30005020	Zener MA1056M
D807	HD30012020	Zener MA1150M
D808	HD30005020	Zener MA1056M
QN01	HC10042050	IC TA7317P
QN02	HT111752D0	Transistor 2SA1175(EF, FF)
QN03	HT111752D0	Transistor 2SA1175(EF, FF)
QN04	HT327852D0	Transistor 2SC2785(EF, FF)
QN05	HT327852D0	Transistor 2SC2785(EF, FF)
Q701	HC10176030	IC STK4028V
Q702	HC10176030	IC STK4028V
⚠Q801	HC38515090	IC NJM78M15
		P700-MISCELLANEOUS
J708	YT03080020	Terminal, 8P; Speaker
J812	YJ06001040	Jack, 3P
W801	YU05180260	Jumper Lead, 5P
W802	YU03140260	Jumper Lead, 3P
		PE00-GRAPHIC EQ CIRCUIT BOARD
PE00	YK148H1760	P.W. Board, Graphic EQ
	ZZ148H1760	P.W. Board Assembly
		PE00-RESISTOR
⚠RE05	GG05221140	220Ω ±5% ¼W
		PE00-SEMICONDUCTORS
QE01	HC10052210	IC BA3812L
QE02	HC10052210	IC BA3812L
		PE00-MISCELLANEOUS
JE01	YP06001040	Plug, 3P
JE02	YJ07001530	Jack, 3P
WE01	YU02160260	Jumper Lead, 2P
		PE01-GRAPHIC EQ VOLUME CIRCUIT BOARD
PE01	YK148H1770	P.W. Board, Graphic EQ Volume
	ZZ148H1770	P.W. Board Assembly
RE10	RS02540160	Variable Resistor 250KΩ(W)x2
RE11	RS02540160	Variable Resistor 250KΩ(W)x2
RE12	RS02540160	Variable Resistor 250KΩ(W)x2
RE13	RS02540160	Variable Resistor 250KΩ(W)x2
RE14	RS02540160	Variable Resistor 250KΩ(W)x2

REF. DESIG.	PART NO.	DESCRIPTION
		PG00-VOLUME CIRCUIT BOARD
PG00	YK148H1740	P.W. Board, Volume
	ZZ149H1740	P.W. Board Assembly
		PG00-RESISTOR
RG20	GG05221140	220Ω ±5% ¼W
RG22	RX02040120	200KΩ(W), Variable
		PG00-SEMICONDUCTORS
DG04 ≀ DG08	HI10038030	L.E.D. SLP281F-50U
DG09 ≀ DG12	HD20015210	Diode 1SS133
DS01 ≀ DS05	HI10038030	L.E.D. SLP281F-50U
QG01	HC10085050	IC TC9153P
QG02	HC10054210	IC BA4558DX
QG03	HT406551E0	Transistor 2SD655E
QG04	HT406551E0	Transistor 2SD655E
QG05	HC10008370	IC TL489CP
		PG00-MISCELLANEOUS
SS51 ≀ SS55	SP01010970	Push Switch, Function
WG01	YU03240260	Jumper Lead, 3P
WG02	YU04240260	Jumper Lead, 4P
WG03	YU07060260	Jumper Lead, 7P
WG04	YU03200260	Jumper Lead, 3P
WG05	YU07200260	Jumper Lead, 7P
		PG50-VOLUME UP-DOWN CIRCUIT BOARD
PG50	YK148H1750	P.W. Board, Volume Up-Down
	ZZ149H1750	P.W. Board Assembly
DG01	HD20015210	Diode 1SS133
DG02	HD20015210	Diode 1SS133
DG03	HI10060020	L.E.D. LN235RPH
QG06	HT30001000	Transistor 2SC2785 etc.
SG01	SP01010970	Push Switch, Volume
SG02	SP01010970	Push Switch, Volume
SG03	SP01010970	Push Switch, Volume
		PP00-POWER SWITCH CIRCUIT BOARD
PP00	YK146H1750	P.W. Board, Power Switch
	ZZ146H8750	P.W. Board Assembly
⚠G001	DK18103840	Ceramic Cap. 0.01μF 400V
⚠S001	SP01010660	Push Switch, Power

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REF. DESIG.	PART NO.	DESCRIPTION
		PR00-CONTROLLER FL. CIRCUIT BOARD
PR00	YK148H1710	P.W. Board, Controller FL.
	ZZ149H1710	P.W. Board Assembly (RX253) [N, A]
	ZZ149H2710	P.W. Board Assembly (RX253) [E, P]
	ZZ152H1710	P.W. Board Assembly (RX253L)
		PR00-CAPACITORS
CR01	DD15101300	Ceramic 100pF ±5%
CR02	DD15101300	Ceramic 100pF ±5%
CR03	DK18103310	Ceramic 0.01μF +80% −20%
CR06	DK18103310	Ceramic 0.01μF +80% −20%
CU09	DK18103310	Ceramic 0.01μF +80% −20%
GR02	BF10300060	Composite 0.01μFx5
GR03	BF33100010	Composite 330pFx7
		PR00-RESISTOR
GR01	BW05104020	100KΩx12 ±5% 1/8W, Composite
		PR00-SEMICONDUCTORS
DR01 ≀ DR06	HD20015210	Diode 1SS133
DR07	HD20015210	Diode 1SS133 [N, A]
DR08	HD20015210	Diode 1SS133 (RX253) [E, P]
DR09	HD20015210	Diode 1SS133 (RX253)
DR10	HD20015210	Diode 1SS133
DR11	HD20015210	Diode 1SS133 (RX253L)
DR12	HD20015210	Diode 1SS133 (RX253L)
DR13	HD20015210	Diode 1SS133
DR15	HD20015210	Diode 1SS133
DR16	HD20015210	Diode 1SS133
DU02	HD20015210	Diode 1SS133
QR01	HC10163030	IC LC6502D-726
QR02	HT10001000	Transistor 2SA1175 etc. (RX253)[E,P]
QR03	HT30001000	Transistor 2SC2785 etc.
QU02	HC10167030	IC LM6416
QU03 ≀ QU14	HT10001000	Transistor 2SA1175 etc.
Q502	HT10001000	Transistor 2SA1175 etc.
		PR00-MISCELLANEOUS
JR01	YJ07001550	Jack, 5P
JR02	YJ07001540	Jack, 4P (RX253) [N, A]
	YJ07001560	Jack, 6P (RX253) [E, P]
	YJ07001550	Jack, 5P (RX253L)
JR03	YJ07001540	Jack, 4P
JR04	YJ07001550	Jack, 5P
JR05	YJ07001550	Jack, 5P
JR06	YJ07001540	Jack, 4P
JU02	YJ07001540	Jack, 4P
VR01	HQ30705060	Display Unit, FIP7P8C (RX253)
	HQ30706060	Display Unit, FIP7Q8C (RX253L)
WS01	YU05120260	Jumper Lead, 5P
WS02	YU04120260	Jumper Lead, 4P
WX01	YU04180260	Jumper Lead, 4P
XR01	FQ04003010	Seramic Vibrator, CSB400P

REF. DESIG.	PART NO.	DESCRIPTION
		PS00-SPEAKER A/B CIRCUIT BOARD
PS00	YK146H1730	P.W. Board, Speaker A/B
	ZZ149H1730	P.W. Board Assembly
SS50	SP02020880	Push Switch, Speaker A/B
		PS50-HEADPHONE CIRCUIT BOARD
PS50	YK146H1740	P.W. Board, Headphone
	ZZ149H8740	P.W. Board Assembly
RS51	GG05331120	Resistor 330Ω ±5% ½W
RS52	GG05331120	Resistor 330Ω ±5% ½W
JS50	YJ01002080	Jack, Headphone
WS03	YU04100260	Jumper Lead, 4P
		PW00-RCA JACK CIRCUIT BOARD
PW00	YK146H1760	P.W. Board, RCA Jack
	ZZ148H1760	P.W. Board Assembly
JW01	YT02040550	Terminal, Surround IN/OUT
Y001	YQ01000080	Shote Plug
Y002	YQ01000080	Shote Plug
		PX00-KEY BOARD SWITCH CIRCUIT BOARD
PX00	YK148H1720	P.W. Board, Key Board Switch
	ZZ149H1720	P.W. Board Assembly (RX253)
	ZZ152H1720	P.W. Board Assembly (RX253L)
		PX00-CAPACITOR
CU03	DK18223310	Ceramic 0.022μF +80% −20%
		PX00-SEMICONDUCTORS
DU01	HI60001060	L.E.D. PH-302
DX01	HI10043020	L.E.D. LN210RP
DX02	HI10043020	L.E.D. LN210RP
DX03	HI10043020	L.E.D. LN210RP
DX05	HI10043020	L.E.D. LN210RP
QU01	HC10071060	IC μPC1373H
QX01	HC10065020	IC AN6875
		PX00-MISCELLANEOUS
LU01	LA74020010	Antenna Coil
SS01	SP01010970	Push Switch, UP
SS02	SP01010970	Push Switch, Down
SS03	SP01010970	Push Switch, FM
SS04	SP01010970	Push Switch, AM (RX253)
	SP01010970	Push Switch, MW (RX253L)
SS05	SP01010970	Push Switch, LW (RX253L)
SS07 ≀ SS15	SP01010970	Push Switch
WX01	YU04180260	Jumper Lead, 4P
WX02	YU05120260	Jumper Lead, 5P
WX03	YU04120260	Jumper Lead, 4P

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- ●(N): for Europe
- ●(E): for Europe
- ●(A): for Australia
- ●(P): for PX

REF. DESIG.	PART NO.	DESCRIPTION
		PX50-AUTO/MANUAL CIRCUIT BOARD
PX50	YK148H1730	P.W. Board, Auto/Manual
	ZZ148H1730	P.W. Board Assembly
DX04	HI10039020	L.E.D. LN230RPP
SS06	SP01010970	Push Switch, Auto/Manual
WX04	YU04100260	Jumper Lead, 4P

(Model RX153/153L)

REF. DESIG.	PART NO.	DESCRIPTION
		P100-TUNER CIRCUIT BOARD
P100	YK148H0210	P.W. Board, Tuner
	ZZ148H8210	P.W. Board Assembly (RX153) [N]
	ZZ148H7210	P.W. Board Assembly (RX153) [E]
	ZZ148H6210	P.W. Board Assembly (RX153) [A]
	ZZ151H8210	P.W. Board Assembly (RX153L)
		P100-CAPACITORS
CA01	DK18103310	Ceramic 0.01μF +80% −20%
CA02	CT12000090	Trimming 20pF
CA03	DK18223310	Ceramic 0.022μF +80% −20%
CA05	DK18103310	Ceramic 0.01μF +80% −20% (RX153)
CA06	DK18103310	Ceramic 0.01μF +80% −20% (RX153L)
CA08	DF15391550	Film 390pF ±5% 100V
CA10	DK18103310	Ceramic 0.01μF +80% −20% (RX153L)
CA11	CT12000090	Trimming 20pF (RX153L)
CA12	DK18223310	Ceramic 0.022μF +80% −20% (RX153L)
CA15	DK18103310	Ceramic 0.01μF +80% −20% (RX153L)
CA17	DD15151300	Ceramic 150pF ±5% (RX153L)
CA19	DK18223310	Ceramic 0.022μF +80% −20%
CA21	DK18102310	Ceramic 1000pF +80% −20%
CA22	DK18223310	Ceramic 0.022μF +80% −20%
CA23	DK18103310	Ceramic 0.01μF +80% −20% (RX153L)
CA24	DK18223310	Ceramic 0.022μF +80% −20%
CA26	DK18103310	Ceramic 0.01μF +80% −20%
CA27	DK18103310	Ceramic 0.01μF +80% −20%
CA29	DK18103310	Ceramic 0.01μF +80% −20%
CA30	DK18102310	Ceramic 1000pF +80% −20%
CA31	DK18103310	Ceramic 0.01μF +80% −20%
CA32	DK18103310	Ceramic 0.01μF +80% −20% (RX153L)
CA34	DK18103310	Ceramic 0.01μF +80% −20%
CA37	DK18103310	Ceramic 0.01μF +80% −20%
CA40	DK18103310	Ceramic 0.01μF +80% −20% (RX153L)
C201	DK18103310	Ceramic 0.01μF +80% −20%
C202	DK18103310	Ceramic 0.01μF +80% −20%
C203	DK18223310	Ceramic 0.022μF +80% −20%
C204	DK18223310	Ceramic 0.022μF +80% −20%
C207	DK18223310	Ceramic 0.022μF +80% −20%
C209	DK18223310	Ceramic 0.022μF +80% −20%
C212	DK18223310	Ceramic 0.022μF +80% −20%
C213	DK18223310	Ceramic 0.022μF +80% −20%
C214	DK18223310	Ceramic 0.022μF +80% −20%
C215	DK18223310	Ceramic 0.022μF +80% −20%
C303	DF15471550	Film 470pF ±5% 100V
C503	DK18103310	Ceramic 0.01μF +80% −20%
		P100-RESISTORS
RA24	RA02230600	22KΩ, Trimming; Signal Strength
R203	GG05101140	100Ω [N, A]
	GG05181140	180Ω [E]
⚠R214	GG05181140	180Ω ±5% ¼W
R215	RA04730600	47KΩ, Trimming; Mut. Level
R303	RA04720600	4.7KΩ, Trimming; VCO
⚠R306	GG05181140	180Ω ±5% ¼W
R317	RA02240600	220KΩ, Trimming; Separation

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REF. DESIG.	PART NO.	DESCRIPTION
		P100-SEMICONDUCTORS
DA01	HD40006030	Varicap SVC321SP
DA02	HD20015210	Diode 1SS133 (RX153L)
DA03	HD40006030	Varicap SVC321SP
DA04	HD40006030	Varicap SVC321SP (RX153L)
DA05	HD20015210	Diode 1SS133 (RX153L)
DA06	HD40006030	Varicap SVC321SP (RX153L)
DA07	HD20015210	Diode 1SS133 (RX153L)
DA08	HD20015210	Diode 1SS133 (RX153L)
DA09	HD20015210	Diode 1SS133 (RX153L)
D201	HD20015210	Diode 1SS133
QA01	HF200551D0	F.E.T. 2SK55(D)
QA02	HF200300B0	F.E.T. 2SK30A(Y1), (RX153L)
QA03	HC10058030	IC LA1245
QA04	HT406551E0	Transistor 2SD655(E), (RX153L)
QA05	HF200551D0	F.E.T. 2SK55(D), (RX153L)
QA06	HF200300B0	F.E.T. 2SK30A(Y1), (RX153L)
QA07	HT30001000	Transistor 2SC536SP(F, G) etc. (RX153L)
QA08	HT30001000	Transistor 2SC536SP(F, G) etc. (RX153L)
QA09	HT10001000	Transistor 2SA608SP(F, G) etc.
QA10	HT10001000	Transistor 2SA608SP(F, G) etc. (RX153L)
Q201	HT308291C0	Transistor 2SC829(C)
Q202	HC10028030	IC LA1231N
Q203	HT30001000	Transistor 2SC536SP(F, G) etc.
Q204	HT30001000	Transistor 2SC536SP(F, G) etc.
Q205	HT30001000	Transistor 2SC536SP(F, G) etc.
Q206	HT10001000	Transistor 2SA608SP(F, G) etc.
Q301	HC10046020	IC AN7470
Q302	HT10001000	Transistor 2SA608SP(F, G) etc.
Q303	HT30001000	Transistor 2SC536SP(F, G) etc.
Q304	HT30001000	Transistor 2SC536SP(F, G) etc.
Q305	HT30001000	Transistor 2SC536SP(F, G) etc.
Q501	HC10164030	IC LM7000
Q503	HF200300B0	F.E.T. 2SK30A(Y1)
Q504	HT30001000	Transistor 2SC536SP(F, G) etc.
Q505	HT30001000	Transistor 2SC536SP(F, G) etc.
		P100-MISCELLANEOUS
A101	AV01202180	V.H.F. Tuner, FE407-G23 (RX153) [N, A]
	AV01202130	V.H.F. Tuner, FE306-A14 (RX153) [E]
	AV01202130	V.H.F. Tuner, FE306-A14 (RX153L)
FA01	FF10045320	Ceramic Filter, SFZ450F3L
FA02	FF10045270	Ceramic Filter, BFU450C (RX153)
F201	FF11070620	Ceramic Filter, SFE10.7MS3-A [N, A]
	FF11070610	Ceramic Filter, SFE10.7MA8-A [E]
F202	FF11070620	Ceramic Filter, SFE10.7MS3-A
J101	YT01050040	Terminal, 5P; Antenna
J303	YJ07001550	Jack, 5P
J304	YJ07001540	Jack, 4P
LA01	LA10295140	Antenna Coil
LA02	L010013170	OSC Coil, AM (RX153)
LA02	L010013170	OSC Coil, MW (RX153L)
LA03	LA10295150	Antenna Coil, LW (RX153L)
LA04	L010013180	OSC Coil, LW (RX153L)
LA05	LI10013210	I.F.T. Coil, AM

REF. DESIG.	PART NO.	DESCRIPTION
L201	LI20029040	I.F.T. Coil, FM DET
L202	LS10295030	M.P.X. Coil, Antibirde Filter [N, A]
SC01	SS02020730	Slide Switch, Scan Step (RX153) [E]
W501	YU05160260	Jumper Lead, 5P
W502	YU04160260	Jumper Lead, 4P (RX153) [N, A]
	YU06160260	Jumper Lead, 6P (RX153) [E]
	YU05160260	Jumper Lead, 5P (RX153L)
X501	XI01150010	Crystal 7.2MHz
		P400-PHONO/FUNCTION CIRCUIT BOARD
P400	YK146H1720	P.W. Board, Phono/Function
	ZZ148H8720	P.W. Board Assembly [N]
	ZZ148H7720	P.W. Board Assembly [A, E]
		P400-CAPACITORS
CS16	DK18103310	Ceramic 0.01μF +80% −20%
C417	DK18103310	Ceramic 0.01μF +80% −20%
		P400-RESISTORS
⚠R415	GG05181140	180 5% ¼W
⚠R416	GG05181140	180 5% ¼W
		P400-SEMICONDUCTORS
QS01	HC10168030	IC LC7818
Q401	HC10054210	IC BA4558
		P400-MISCELLANEOUS
JS01	YT02060210	Terminal, 6P AUX, Tape/IN-OUT
JS04	YJ07001530	Jack, 3P
JS05	YJ07001530	Jack, 3P
JS06	YJ07001570	Jack, 7P
J401	YT02040610	Terminal, 4P, RCA Jack
WS03	YU05160260	Jumper Lead, 5P
WW02	YU07140260	Jumper Lead, 7P
		P700-MAIN AMP CIRCUIT BOARD
P700	YK146H1710	P.W. Board, Main Amp
	ZZ148H8710	P.W. Board Assembly (RX153) [N]
	ZZ148H7710	P.W. Board Assembly (RX153) [A, E]
	ZZ151H1710	P.W. Board Assembly (RX153L)
		P700-CAPACITORS
C715	DK18102310	Ceramic 1000pF +80% −20%
C716	DK18102310	Ceramic 1000pF +80% −20%
C801	EB47804520	Elec. 4700μF 45V
C802	EB47804520	Elec. 4700μF 45V
C808	DK18103310	Ceramic 0.01μF +80% −20%
C809	DK18103310	Ceramic 0.01μF +80% −20%
		P700-RESISTORS
⚠RN10	GO10222030	0.22Ω ±5% 3W
⚠RN11	GO10222030	0.22Ω ±5% 3W
⚠R721	GA05100020	10Ω ±5% 2W
⚠R722	GA05100020	10Ω ±5% 2W
⚠R801	GA05390020	39Ω ±5% 2W
⚠R802	GA05821010	820Ω ±5% 1W
⚠R803	GG05561010	560Ω ±5% 1W
⚠R806	GA05221010	220Ω ±5% 1W

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REF. DESIG.	PART NO.	DESCRIPTION
		P700-SEMICONDUCTORS
DN01	HD20016210	Diode 1SR35
DN03	HD20015210	Diode 1SS133
DN04	HD20015210	Diode 1SS133
DN05	HD20015210	Diode 1SS133
DN06	HD20015210	Diode 1SS133
DN07	HD20015210	Diode 1SS133
⚠ D801	HD20008290	Diode S4VB
D806	HD30005020	Zener MA1056M
D807	HD30012020	Zener MA1150M
D808	HD30005020	Zener MA1056M
QN01	HC10042050	IC TA7317P
QN02	HT111752D0	Transistor 2SA1175(EF, FF)
QN03	HT111752D0	Transistor 2SA1175(EF, FF)
QN04	HT327852D0	Transistor 2SC2785(EF, FF)
QN05	HT327852D0	Transistor 2SC2785(EF, FF)
QN06	HH00007030	Thermistor SDT-100
QN07	HH00007030	Thermistor SDT-100
Q701	HC10175030	IC STK4026V
Q702	HC10175030	IC STK4026V
⚠ Q801	HC38915090	IC NJM7815
		P700-MISCELLANEOUS
J708	YT03040210	Terminal, 8P; Speaker
J812	YJ06001040	Jack, 3P
W801	YU05180260	Jumper Lead, 5P
W802	YU03140260	Jumper Lead, 3P
		PE00-GRAPHIC EQ CIRCUIT BOARD
PE00	YK148H1760	P.W. Board, Graphic EQ
	ZZ148H1760	P.W. Board Assembly
		PE00-RESISTOR
⚠ RE05	GG05221140	220Ω ±5% ¼W
		PE00-SEMICONDUCTORS
QE01	HC10052210	IC BA3812L
QE02	HC10052210	IC BA3812L
		PE00-MISCELLANEOUS
JE01	YP06001040	Plug, 3P
JE02	YJ07001530	Jack, 3P
WE01	YU02160260	Jumper Lead, 2P
		PE01-GRAPHIC EQ VOLUME CIRCUIT BOARD
PE01	YK148H1770	P.W. Board, Graphic EQ Volume
	ZZ148H1770	P.W. Board Assembly
RE10	RS02540160	Variable Resistor 250KΩ(W)x2
RE11	RS02540160	Variable Resistor 250KΩ(W)x2
RE12	RS02540160	Variable Resistor 250KΩ(W)x2
RE13	RS02540160	Variable Resistor 250KΩ(W)x2
RE14	RS02540160	Variable Resistor 250KΩ(W)x2

REF. DESIG.	PART NO.	DESCRIPTION
		PG00-VOLUME CIRCUIT BOARD
PG00	YK148H1740	P.W. Board, Volume
	ZZ148H1740	P.W. Board Assembly
		PG00-RESISTOR
RG22	RX02040120	200KΩ(W), Variable; Valance
RG25	RS01040430	100KΩ(B), Variable; Volume
		PG00-SEMICONDUCTORS
DS01 ~ DS05	HI10038030	L.E.D. SLP281F-50U
		PG00-MISCELLANEOUS
SS51 ~ SS55	SP01010970	Push Switch, Function
WG01	YU03240260	Jumper Lead, 3P
WG04	YU03200260	Jumper Lead, 3P
WG05	YU07200260	Jumper Lead, 7P
		PP00-POWER SWITCH CIRCUIT BOARD
PP00	YK146H1750	P.W. Board, Power Switch
	ZZ146H8750	P.W. Board Assembly
⚠ G001	DK18103840	Ceramic Cap. 0.01μF 400V
⚠ S001	SP01010660	Push Switch, Power
		PR00-CONTROLLER FL. CIRCUIT BOARD
PR00	YK148H1710	P.W. Board, Controller FL.
	ZZ148H1710	P.W. Board Assembly (RX153) [N, A]
	ZZ148H2710	P.W. Board Assembly (RX153) [E]
	ZZ151H8710	P.W. Board Assembly (RX153L)
		PR00-CAPACITORS
CR01	DD15101300	Ceramic 100pF ±5%
CR02	DD15101300	Ceramic 100pF ±5%
CR03	DK18103310	Ceramic 0.01μF +80% −20%
CR06	DK18103310	Ceramic 0.01μF +80% −20%
GR02	BF10300060	Composite 0.01μFx5
GR03	BF33100010	Composite 330pFx7
		PR00-RESISTOR
GR01	BW05104020	100KΩx12 ±5% 1/8W, Composite
		PR00-SEMICONDUCTORS
DR01 DR06	HD20015210	Diode 1SS133
DR07	HD20015210	Diode 1SS133 [N A]
DR08	HD20015210	Diode 1SS133 (RX153) [E]
DR09	HD20015210	Diode 1SS133 (RX153)
DR10	HD20015210	Diode 1SS133
DR11	HD20015210	Diode 1SS133 (RX153L)
DR12	HD20015210	Diode 1SS133 (RX153L)
DR13	HD20015210	Diode 1SS133

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REF. DESIG.	PART NO.	DESCRIPTION
DR15	HD20015210	Diode 1SS133
DR16	HD20015210	Diode 1SS133
QR01	HC10163030	IC LC6502D-726
QR02	HT10001000	Transistor 2SA1175 etc. (RX153) [E]
QR03	HT30001000	Transistor 2SC2785 etc.
Q502	HT10001000	Transistor 2SA1175 etc.
		PR00-MISCELLANEOUS
JR01	YJ07001550	Jack, 5P
JR02	YJ07001540	Jack, 4P (RX153) [N, A]
	YJ07001560	Jack, 6P (RX153) [E]
	YJ07001550	Jack, 5P (RX153L)
JR03	YJ07001540	Jack, 4P
JR04	YJ07001550	Jack, 5P
JR05	YJ07001540	Jack, 4P
JR06	YJ07001540	Jack, 4P
VR01	HQ30705060	Display Unit, FIP7P8C (RX153)
	HQ30706060	Display Unit, FIP7Q8C (RX153L)
WX01	YU04180260	Jumper Lead, 4P
XR01	FQ04003010	Seramic Vibrator, CSB400P
		PS50-HEADPHONE CIRCUIT BOARD
PS50	YK146H1740	P.W. Board, Headphone
	ZZ148H8740	P.W. Board Assembly
RS51	GG05331120	Resistor 330Ω ±5% ½W
RS52	GG05331120	Resistor 330Ω ±5% ½W
JS50	YJ01002090	Jack, Headphone
WS03	YU04100260	Jumper Lead, 4P
		PW00-RCA JACK CIRCUIT BOARD
PW00	YK146H1760	P.W. Board, RCA Jack
	ZZ148H1760	P.W. Board Assembly
CW01	DK18103310	Ceramic Cap. 0.01μF +80% −20%
JW01	YT02040550	Terminal, Surround IN/OUT
Y001	YQ01000080	Shote Plug
Y002	YQ01000080	Shote Plug

REF. DESIG.	PART NO.	DESCRIPTION
		PX00-KEY BOARD SWITCH CIRCUIT BOARD
PX00	YK148H1720	P.W. Board, Key Board Switch
	ZZ148H1720	P.W. Board Assembly (RX153)
	ZZ151H8720	P.W. Board Assembly (RX153L)
		PX00-SEMICONDUCTORS
DX01	HI10043020	L.E.D. LN210RP
DX02	HI10043020	L.E.D. LN210RP
DX03	HI10043020	L.E.D. LN210RP
DX05	HI10043020	L.E.D. LN210RP
QX01	HC10065020	IC AN6875
		PX00-MISCELLANEOUS
SS01	SP01010970	Push Switch, UP
SS02	SP01010970	Push Switch, Down
SS03	SP01010970	Push Switch, FM
SS04	SP01010970	Push Switch, AM (RX153)
	SP01010970	Push Switch, MW (RX153L)
SS05	SP01010970	Push Switch, LW (RX153L)
SS07 ≀ SS15	SP01010970	Push Switch
WX01	YU04180260	Jumper Lead, 4P
WX02	YU04120260	Jumper Lead, 4P
WX03	YU04120260	Jumper Lead, 4P
		PX50-AUTO/MANUAL CIRCUIT BOARD
PX50	YK148H1730	P.W. Board, Auto/Manual
	ZZ148H1730	P.W. Board Assembly
DX04	HI10039020	L.E.D. LN230RPP
SS06	SP01010970	Push Switch, Auto/Manual
WX04	YU04100260	Jumper Lead, 4P

(W01-99)	**Assembly and Wiring**
(T01-99)	**Adjustment**
(X01-00)	**Correction**

NOTE ON SAFETY :
Symbol ⚠ Fire or electrical shock hazard. Only original parts should be used to replace any part marked with symbol ⚠. Any other component substitution (other than original type), may increase risk of fire or electrical shock hazard.

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10. TECHNICAL SPECIFICATIONS

(Model RX353/353L)

AMPLIFIER SECTION

RATED OUTPUT PER CHANNEL	
8 OHMS DIN	**40 W**
8 OHMS RMS	**30 W**
TOTAL HARMONIC DISTORTION AT RMS 8 OHMS	**0.1 %**
DAMPING FACTOR 8 OHMS (1 kHz)	**30**

PREAMP SECTION

Frequency Response	
Phono (RIAA)	±1.0 dB
Aux (±1.0 dB)	30 Hz – 30 kHz
Signal-to-Noise Ratio	
Phono	65 dB
Aux	85 dB
Input Sensitivity/Impedance	
Phono	2.8 mV/47 k ohms
Aux	160 mV/30 k ohms

FM TUNER SECTION

Frequency Range	87.5 – 108 MHz
Usable Sensitivity	
DIN Mono (S/N 26 dB, 75 ohms)	1.0 μV
DIN Stereo (S/N 46 dB, 75 ohms)	25 μV
Alternate Channel Selectivity, 98 MHz	60 dB
Signal-to-Noise Ratio, 98 MHz	
Unweighted: Mono	67 dB
Stereo	60 dB
Weighted: Mono	74 dB
Stereo	64 dB

MW TUNER SECTION

Frequency Range	531 – 1602 kHz
Usable Sensitivity (20 dB S/N 30% Mod., 1 MHz)	500 μV/m
Selectivity	30 dB

LW TUNER SECTION

Frequency Range	153 – 281 kHz
Usable Sensitivity (20 dB S/N 30% 250 kHz)	1000 μV/m

GENERAL

Power Requirements	
N and T Versions	220/240 V AC, 50/60 Hz
E Versions	110/120/220/240 V AC, 50/60 Hz
Power Consumption at Rated Output, Both Channels Operating	160 W
Dimensions	
Panel Width	320 mm
Panel Height	260 mm
Depth	125 mm
Weight	
Unit alone	5.3 kg

Specifications and appearance are subject to change for modification without notice.

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(Model RX253/253L)

AMPLIFIER SECTION

RATED OUTPUT PER CHANNEL	
8 OHMS DIN	**40 W**
8 OHMS RMS	**30 W**
TOTAL HARMONIC DISTORTION AT RMS 8 OHMS	**0.1 %**
DAMPING FACTOR 8 OHMS (1 kHz)	**30**

PREAMP SECTION

Frequency Response	
Phono (RIAA)	±1.0 dB
Aux (±1.0 dB)	30 Hz – 30 kHz
Signal-to-Noise Ratio	
Phono	65 dB
Aux	85 dB
Input Sensitivity/Impedance	
Phono	2.8 mV/47 k ohms
Aux	160 mV/30 k ohms

FM TUNER SECTION

Frequency Range	87.5 – 108 MHz
Usable Sensitivity	
DIN Mono (S/N 26 dB, 75 ohms)	1.0 μV
DIN Stereo (S/N 46 dB, 75 ohms)	25 μV
Alternate Channel Selectivity, 98 MHz	60 dB
Signal-to-Noise Ratio, 98 MHz	
Unweighted: Mono	67 dB
Stereo	60 dB
Weighted: Mono	74 dB
Stereo	64 dB

MW TUNER SECTION

Frequency Range	531 – 1602 kHz
Usable Sensitivity (20 dB S/N 30% Mod., 1 MHz)	500 μV/m
Selectivity	30 dB

LW TUNER SECTION

Frequency Range	153 – 281 kHz
Usable Sensitivity (20 dB S/N 30% 250 kHz)	1000 μV/m

GENERAL

Power Requirements	
N and T Versions	220/240 V AC, 50/60 Hz
E Versions	110/120/220/240 V AC, 50/60 Hz
Power Consumption at Rated Output, Both Channels Operating	160 W
Dimensions	
Panel Width	320 mm
Panel Height	260 mm
Depth	125 mm
Weight	
Unit alone	5.3 kg

Specifications and appearance are subject to change for modification without notice.

(Model RX153/153L)

AMPLIFIER SECTION

RATED OUTPUT PER CHANNEL	
8 OHMS DIN	**30 W**
8 OHMS RMS	**23 W**
TOTAL HARMONIC DISTORTION AT RMS 8 OHMS	**0.1 %**
DAMPING FACTOR 8 OHMS (1 kHz)	**30**

PREAMP SECTION

Frequency Response	
Phono (RIAA)	±1.0 dB
Aux (±1.0 dB)	30 Hz – 30 kHz
Signal-to-Noise Ratio	
Phono	65 dB
Aux	85 dB
Input Sensitivity/Impedance	
Phono	2.8 mV/47 k ohms
Aux	160 mV/20 k ohms

FM TUNER SECTION

Frequency Range	87.5 – 108 MHz
Usable Sensitivity	
DIN Mono (S/N 26 dB, 75 ohms)	1.0 μV
DIN Stereo (S/N 46 dB, 75 ohms)	25 μV
Alternate Channel Selectivity, 98 MHz	60 dB
Signal-to-Noise Ratio, 98 MHz	
Unweighted: Mono	67 dB
Stereo	60 dB
Weighted: Mono	74 dB
Stereo	64 dB

MW TUNER SECTION

Frequency Range	531 – 1602 kHz
Usable Sensitivity (20 dB S/N 30% Mod., 1 MHz)	500 μV/m
Selectivity	30 dB

LW TUNER SECTION

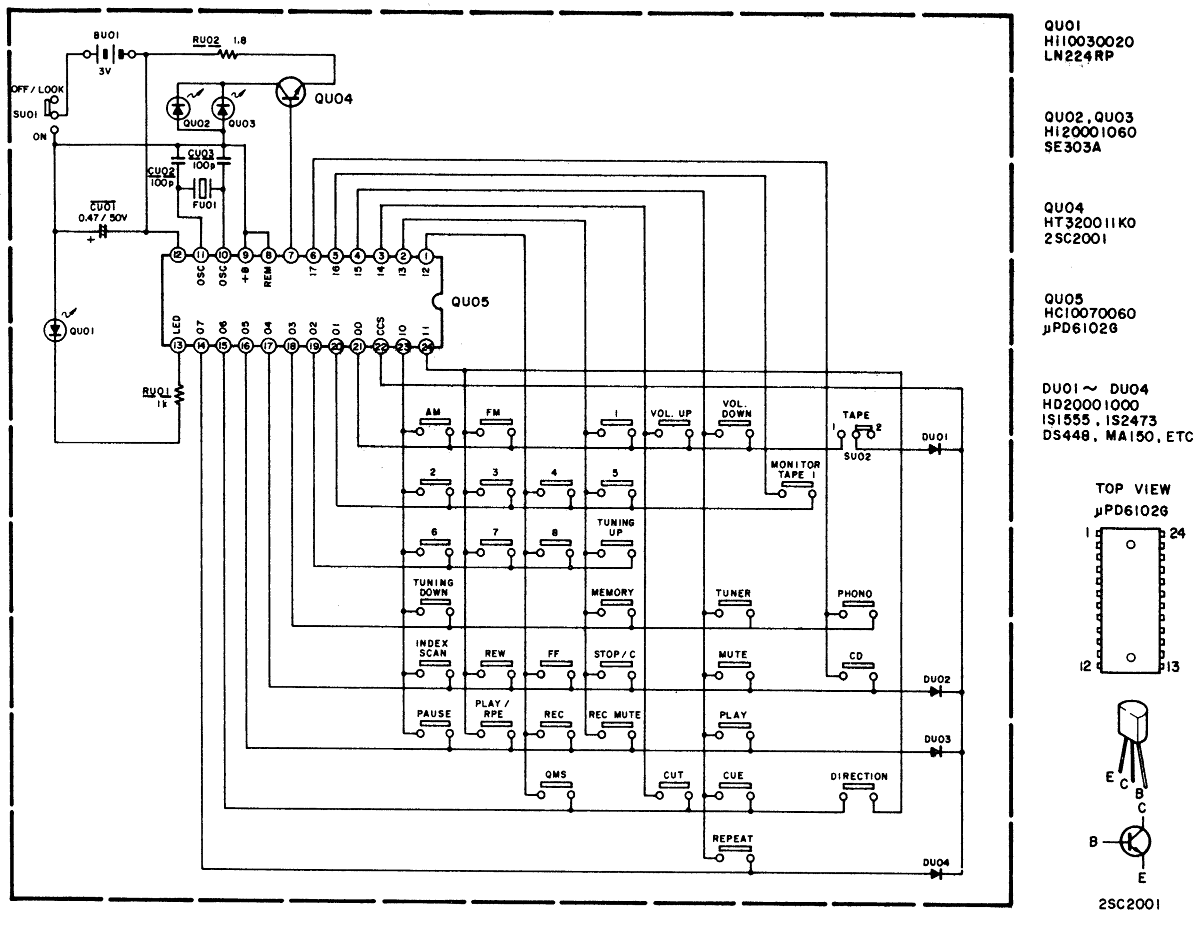
Frequency Range	153 – 281 kHz
Usable Sensitivity (20 dB S/N 30% 250 kHz)	1000 μV/m

GENERAL

Power Requirements	
N and T Versions	220/240 V AC, 50/60 Hz
E Versions	110/120/220/240 V AC, 50/60 Hz
Power Consumption at Rated Output, Both Channels Operating	150 W
Dimensions	
Panel Width	320 mm
Panel Height	260 mm
Depth	125 mm
Weight	
Unit alone	4.9 kg

Specifications and appearance are subject to change for modification without notice.

REMOTE CONTROL TRANSMITTER RMC-11 (Model RX353/353L)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SU01
ON
QU02
QU03
QU04
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CU02 100p
FU01
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OSC
OSC
+B
REM
LED
CCS
QU05
QU01
RU01 1k
AM
FM
1
VOL. UP
VOL. DOWN
TAPE
SU02
MONITOR TAPE 1
2
3
4
5
6
7
8
TUNING UP
TUNING DOWN
MEMORY
TUNER
PHONO
INDEX SCAN
REW
FF
STOP / C
MUTE
CD
PAUSE
PLAY / RPE
REC
REC MUTE
PLAY
QMS
CUT
CUE
DIRECTION
REPEAT
DU01
DU02
DU03
DU04
QU01
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LN224RP
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QU04
HT320011K0
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HC10070060
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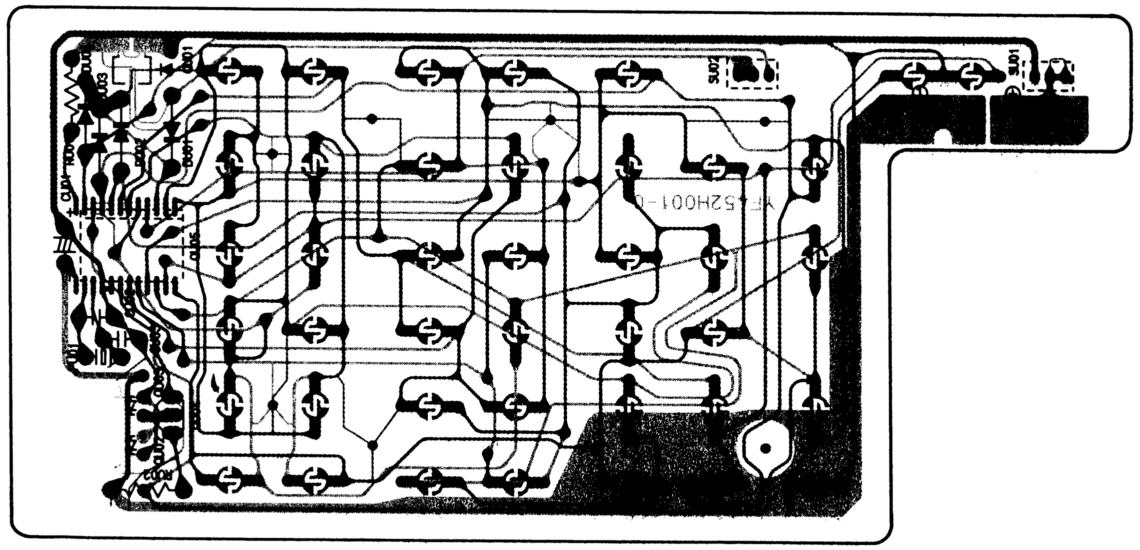

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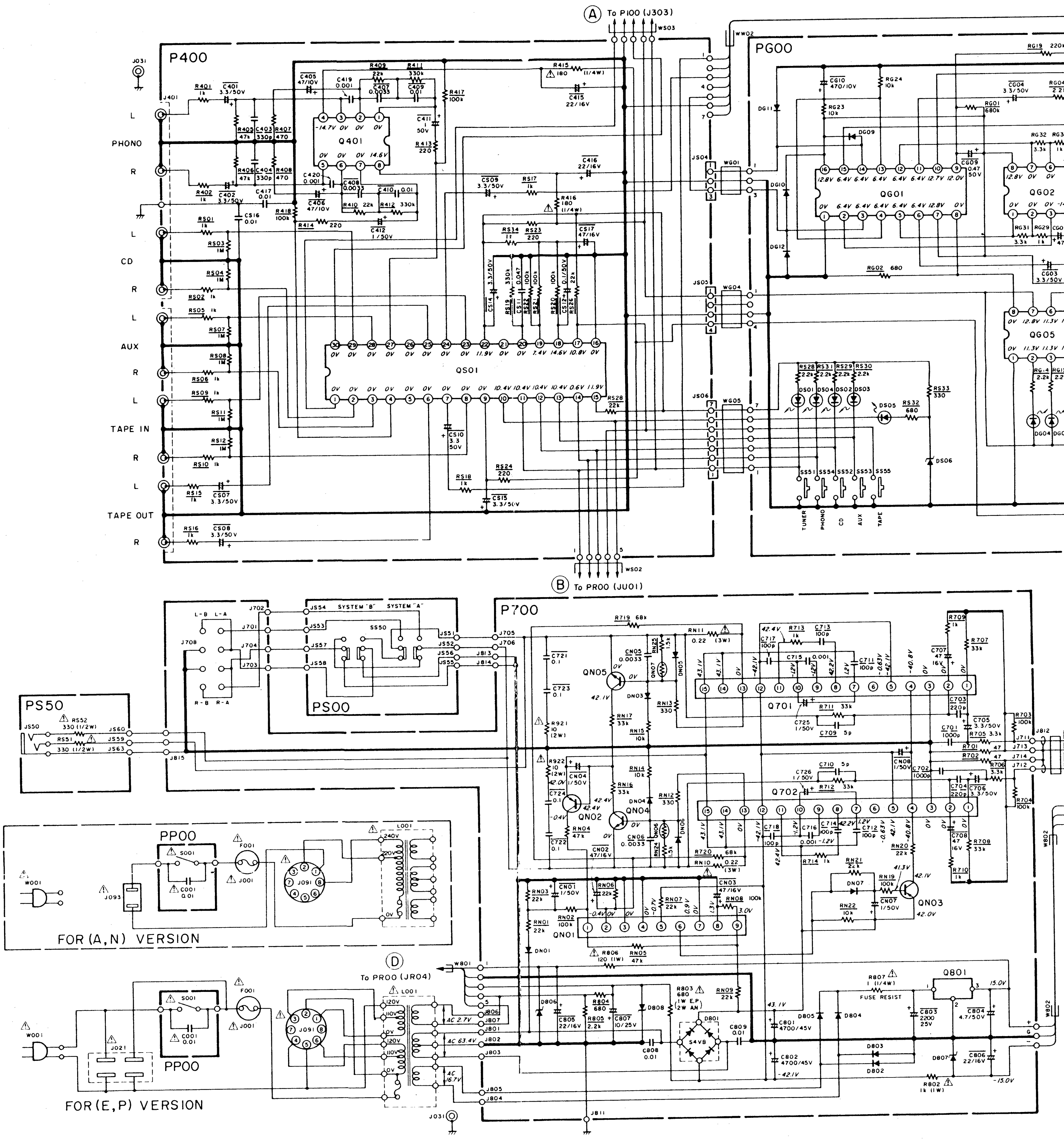
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QS01
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QG01
QG02
QG05
TUNER
PHONO
CD
AUX
TAPE
P700
Q701
Q702
QN01
QN02
QN03
QN04
QN05
Q801
PS50
PS00
SYSTEM "B"
SYSTEM "A"
PP00
FOR (A, N) VERSION
To PR00 (JR04)
FOR (E, P) VERSION

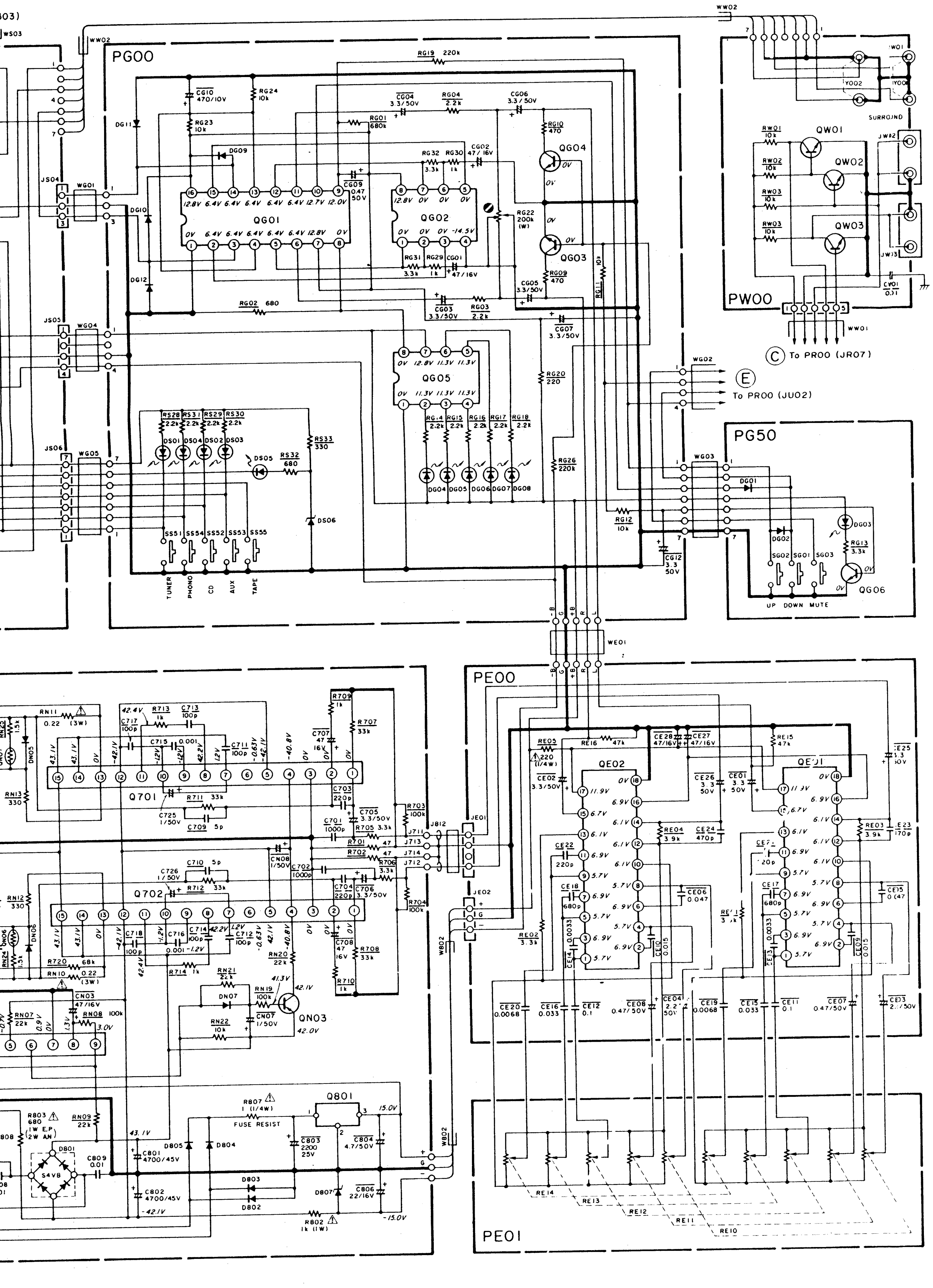
F001	FS10063800	FUSE 630mA 250V [N, E, A]
F001	FS10125800	FUSE 1.25A [P]
L001	TS16806010	POWER TRANSF. [N, A]
L001	TS16806020	POWER TRANSF. [E, P]
L051	LA00015020	ANT COIL LOOP
SS01 ~ SS04	SP01010970	PUSH SWITCH TACT
SS06 ~ SS15	SP01010970	PUSH SWITCH TACT
VR01	HQ30705060	DISPLAY UNIT
SS50	SP02020880	PUSH SWITCH SPEAKER
RE10 ~ RE14	RS02540160	VARIABLE 250KΩ
A101	AV01202130	V.H.F. TUNER FRONT END [E, P]
A101	AV01202180	V.H.F. TUNER FRONT END [N, A]
CA02	CT12000090	TRIMMING 20pF

LA01	LA10295140	ANT COIL MW
LA02	LO10013170	OSC COIL MW
LA05	LI10013210	I.F.T. AM
L201	LI20029040	I.F.T. FM DET
L202	LS10295030	M.P.X. COIL [N, A]
RA24	RA02230600	TRIMMING 22KΩ
R215	RA04730600	TRIMMING 47KΩ
R303	RA04720600	TRIMMING 4.7KΩ
R317	RA02240600	TRIMMING 220KΩ
X501	XI01150010	CRYSTAL 7.2MHz
SU01	SS01020510	SLIDE SWITCH ON/OFF
SU02	SS01020510	SLIDE SWITCH TAPE 1-2
SG01 ~ SG03	SP01010970	PUSH SWITCH VOLUME
SC01	SS02020730	SLIDE SWITCH SCAN STEP
SS51 ~ SS55	SP01010970	PUSH SWITCH FUNCTION
S001	SP01010660	PUSH SWITCH POWER
RG22	RX02040120	VARIABLE 200KΩ

NOTE ON SAFETY :

Symbol ⚠ Fire or electrical shock hazard. Only original parts should be used to replace any part marked with symbol ⚠. Any other component substitution (other than original type), may increase risk of fire or electrical shock hazard.

Components and wiring are subject to change for m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Q702
Q801
QE01
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QN03
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WG02
WG03
WG04
WG05
WE01
JS04
JS05
JS06
SURROUND
TUNER
PHONO
CD
AUX
TAPE
UP DOWN MUTE
Ⓒ To PROO (JR07)
Ⓔ To PROO (JU02)
FUSE RESIST
S4VB
RE10
RE11
RE12
RE13
RE14

QN01
HC10042050
TA7317P

QN02, QN03
HT111752D0
2SA1175 (EF, FF)

QN04, QN05
HT32785200
2SC2785 (EF, FF)

Q701, Q702
HC10176030
STK4028V

Q801
HC38515090
NJM78M15

QS01
HC10168030
LC7818

Q401, QG02
HC10054210
BA4558

QE01, QE02
HC10052210
BA3812L

QG01
HC10085050
TC9153P

QW01 ~ QW03, QG06
HT30001000
2SC2785 ETC

QG03, QG04
HT40655IE0
2SD655E

QG05
HC10008370
TL489CP

DN01, D802 ~ D805
HD20016210
1SR35

DN03 ~ DN07, DG01
DG09 ~ DG12, DG02
HD20015210
1SS133

D801
HD20008290
S4VB - 20

D806
HD30005020
MA1056M

D807
HD30012020
MA1150M

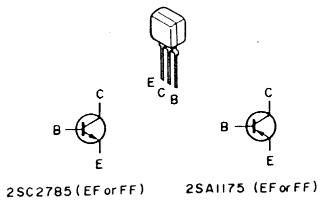
D808
HD30005020
MA1240M

DG03
Hi10060020
LN235RPH

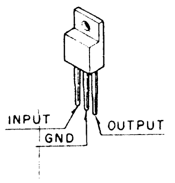
DG04 ~ DG08
DS01 ~ DS05
Hi10038030
SLP281F - 50U

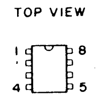
DS06
HD30004020
MA1051M

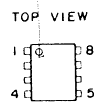
QN06, QN07
HH00007030
SDT - 100

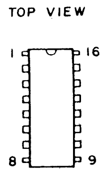


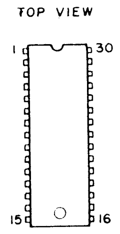
2SC2785 (EF or FF)   2SA1175 (EF or FF)

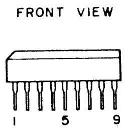

INPUT
GND
OUTPUT
NJM78M15

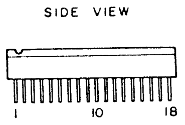

TOP VIEW
1
8
4
5
BA4558

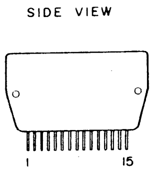

TOP VIEW
1
8
4
5
TL489CP

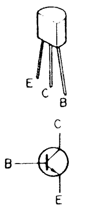

TOP VIEW
1
16
8
9
TC9153P


TOP VIEW
1
30
15
16
LC7818


FRONT VIEW
1
5
9
TA7317P


SIDE VIEW
1
10
18
BA3812L


SIDE VIEW
1
15
STK4028V



2SD655E

N, A]
2KΩ
7KΩ
7KΩ
20KΩ
2MHz
H ON/OFF
H TAPE 1-2

H VOLUME

H SCAN STEP

H FUNCTION

H POWER
200KΩ

"SERVICE INFORMATION IS FOR USE BY QLALIFIED RERSONNEL ONLY – ANY MISADJUSTMENT OR MISALIGNMENTMAY BE TREATED AS A NON-WARRANTY REPAIR BY ANY MARANTZ SERVICE CENTRE –"

Kind of Common Parts

RESISTOR

R*** (1) GD05 - - - 140, Carbon film fixed resistor, ±5% 1/4W
R*** (2) GD05 - - - 160, Carbon film fixed resistor, ±5% 1/6W

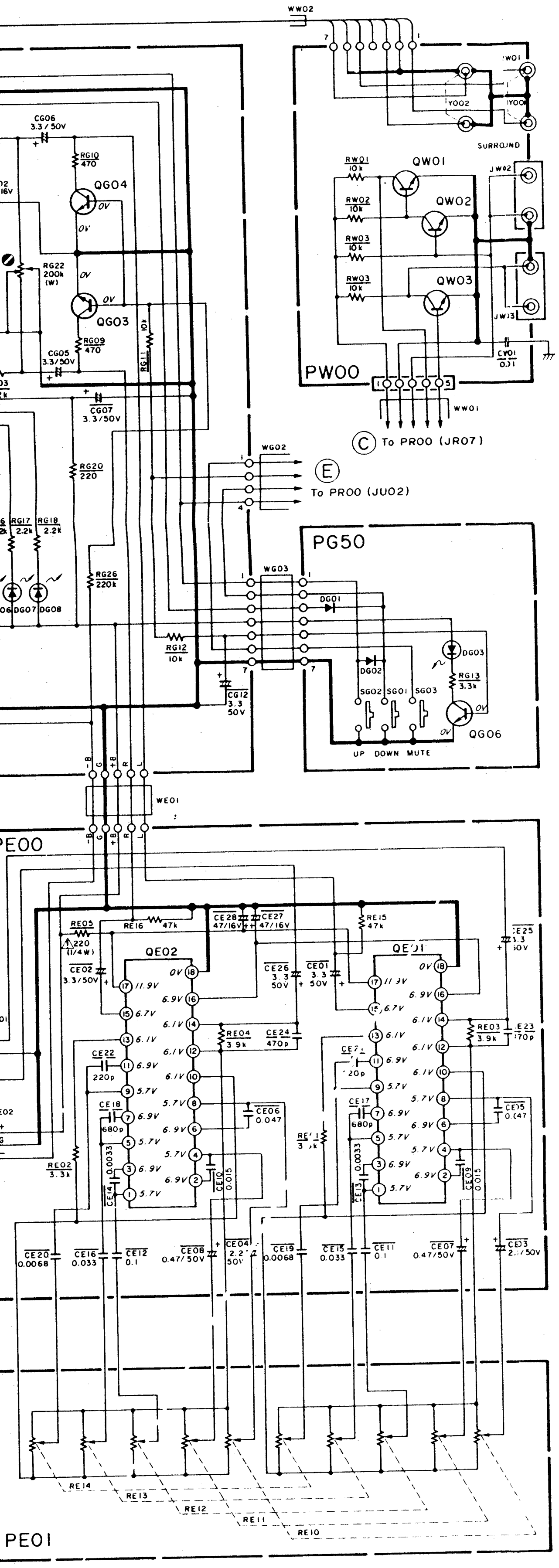
C*** : **CERAMIC CAP.**
(1) DD1 - - - - 370, Ceramic condenser,
disc type (titan concenser)
Temp. coeff. P350 ~ N1000 50V

C*** : **CERAMIC CAP.**
(1) DK16 - - - 300, High dielectric constant ceramic condenser,
disc type (titan variable)
Temp. chara. 2B4 50V

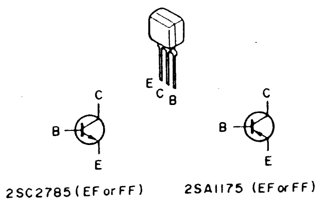
C*** : **ELECTROLY CAP. (≭) / FILM CAP. (≑)**
(1) EA - - - - - - 10, Electrolytic condenser,
one-way lead type, tolerance
(2) DF15 - - - 350, Plastic film condenser,
one-way type, Mylar, ±5% 5

* In case of ordering the common parts, please establish parts number of 10 figures by the procedure "ASSIG COMMON PARTS CODES"

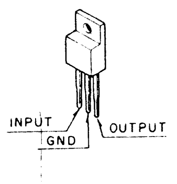
Components and wiring are subject to change for modification without notice.


WW02
WO1
YO02
YO01
SURROUND
RW01 10k
RW02 10k
RW03 10k
RW03 10k
QW01
QW02
QW03
JW12
JW13
CW01 0.1
PW00
WW01
C To PR00 (JR07)
WG02
E
To PR00 (JU02)
PG50
WG03
DG01
DG02
DG03
SG02 SG01 SG03
UP DOWN MUTE
RG13 3.3k
QG06
CG12 3.3 50V
RG12 10k
CG06 3.3/50V
RG10 470
QG04
RG22 200k (W)
QG03
RG09 470
CG05 3.3/50V
CG07 3.3/50V
RG20 220
RG17 2.2k
RG18 2.2k
RG26 220k
DG07 DG08
WE01
PE00
RE05 220 (1/4W)
RE16 47k
CE28 47/16V
CE27 47/16V
RE15 47k
CE25 3.3 50V
CE02 3.3/50V
QE02
CE26 3.3 50V
CE01 3.3 50V
QE01
RE04 3.9k
CE24 470p
RE03 3.9k
CE23 470p
CE22 220p
CE18 680p
CE17 680p
CE06 0.047
CE15 0.047
RE02 3.3k
CE20 0.0068
CE16 0.033
CE12 0.1
CE08 0.47/50V
CE04 2.2 50V
CE19 0.0068
CE15 0.033
CE11 0.1
CE07 0.47/50V
CE03 2.2/50V
RE14
RE13
RE12
RE11
RE10
PE01

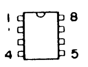
QN01	HC10042050	TA7317P
QN02, QN03	HT11175200	2SA1175 (EF, FF)
QN04, QN05	HT32785200	2SC2785 (EF, FF)
Q701, Q702	HC10176030	STK4028V
Q801	HC38515090	NJM78M15
QS01	HC10168030	LC7818
Q401, QG02	HC10054210	BA4558
QE01, QE02	HC10052210	BA3812L
QG01	HC10085050	TC9153P
QW01 ~ QW03, QG06	HT30001000	2SC2785 ETC
QG03, QG04	HT40655IE0	2SD655E
QG05	HC10008370	TL489CP
DN01, D802 ~ D805	HD20016210	ISR35
DN03 ~ DN07, DG01 DG09 ~ DG12, DG02	HD20015210	ISS133
D801	HD20008290	S4VB - 20
D806	HD30005020	MA1056M
D807	HD30012020	MA1150M
D808	HD30005020	MA1240M
DG03	Hi10060020	LN235RPH
DG04 ~ DG08 DS01 ~ DS05	Hi10038030	SLP281F - 50U
DS06	HD30004020	MA1051M
QN06, QN07	HH00007030	SDT - 100



2SC2785 (EF or FF)   2SA1175 (EF or FF)

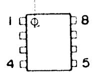

INPUT
GND
OUTPUT
NJM78M15

TOP VIEW



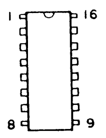
BA4558

TOP VIEW



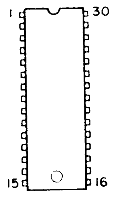
TL489CP

TOP VIEW



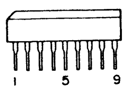
TC9153P

TOP VIEW



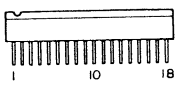
LC7818

FRONT VIEW



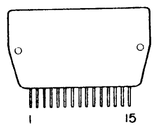
TA7317P

SIDE VIEW

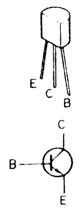


BA3812L

SIDE VIEW



STK4028V



2SD655E

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REPAIR BY ANY MARANTZ SERVICE CENTRE –"

Kind of Common Parts

RESISTOR

R*** (1) GD05 - - - 140, Carbon film fixed resistor, ±5% 1/4W

R*** (2) GD05 - - - 160, Carbon film fixed resistor, ±5% 1/6W

C*** : **CERAMIC CAP.**

(1) DD1 - - - - 370, Ceramic condenser,
disc type (titan concenser)
Temp. coeff. P350 ~ N1000 50V

C*** : **CERAMIC CAP.**

(1) DK16 - - - 300, High dielectric constant ceramic condenser,
disc type (titan variable)
Temp. chara. 2B4 50V

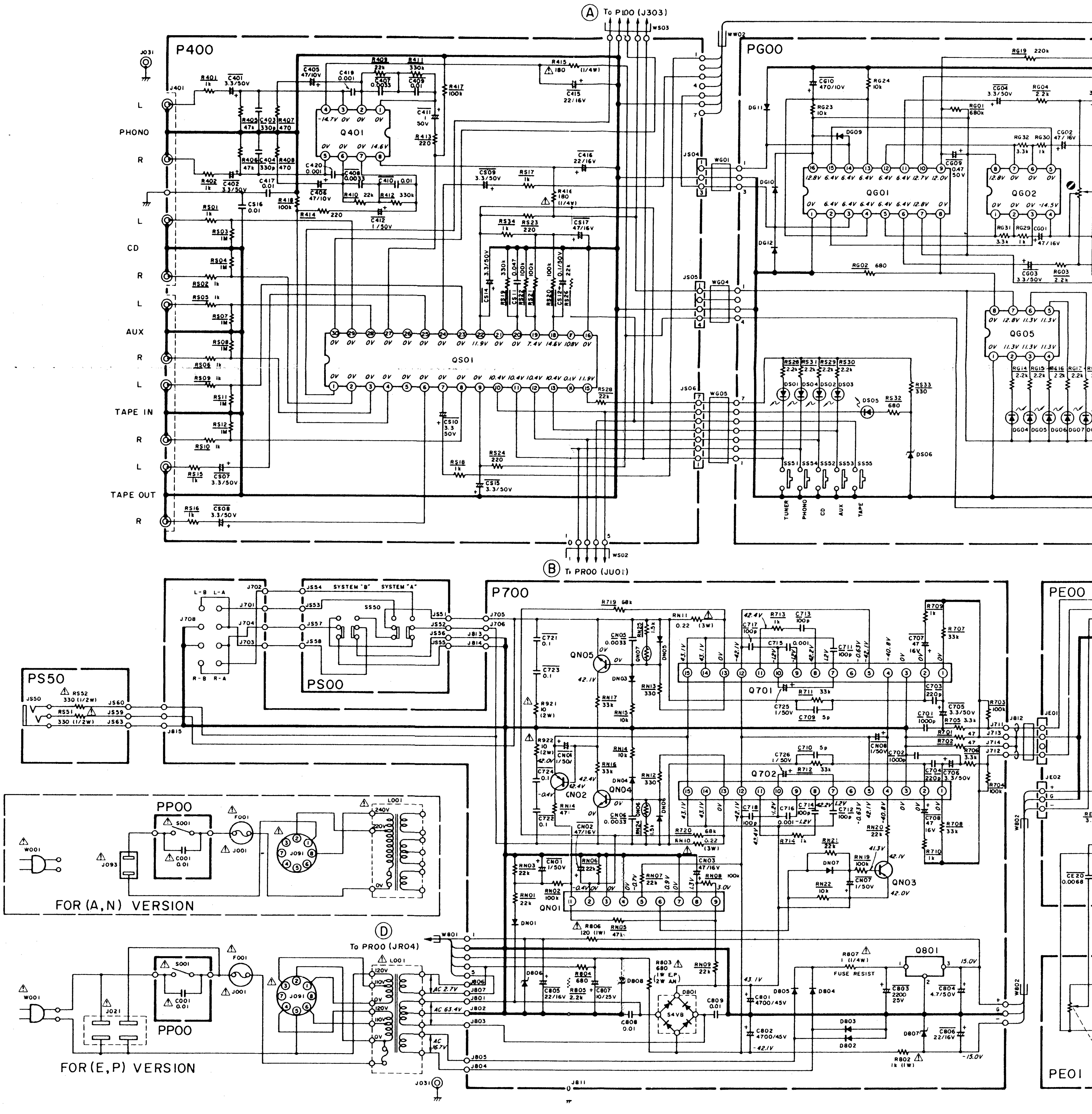
C*** : **ELECTROLY CAP. (≠) / FILM CAP. (≑)**

(1) EA - - - - - - 10, Electrolytic condenser,
one-way lead type, tolerance ±20%

(2) DF15 - - - 350, Plastic film condenser,
one-way type, Mylar, ±5% 50V

* In case of ordering the common parts, please establish the correct parts number of 10 figures by the procedure "ASSIGNMENT OF COMMON PARTS CODES"

dification without notice.


A To P100 (J303)
P400
PG00
PHONO
CD
AUX
TAPE IN
TAPE OUT
L
R
Q401
QS01
QG01
QG02
QG05
B To P100 (JU01)
PS50
PS00
SYSTEM "B"
SYSTEM "A"
P700
PE00
Q701
Q702
QN01
QN03
QN04
QN05
Q801
PP00
FOR (A,N) VERSION
D To PR00 (JR04)
FOR (E,P) VERSION
PE01
TUNER
PHONO
CD
AUX
TAPE
FUSE RESIST

F001	FS10063800	FUSE 630mA 250V
L001	TS16806010	POWER TRANSF.
L051	LA00015020	ANT COIL LOOP
SS01		
?	SP01010970	PUSH SWITCH TACT
SS15		
VR01	HQ30706060	DISPLAY UNIT
SS50	SP02020880	PUSH SWITCH SPEAKER
RE10		
≀	RS02540160	VARIABLE 250KΩ
RE14		

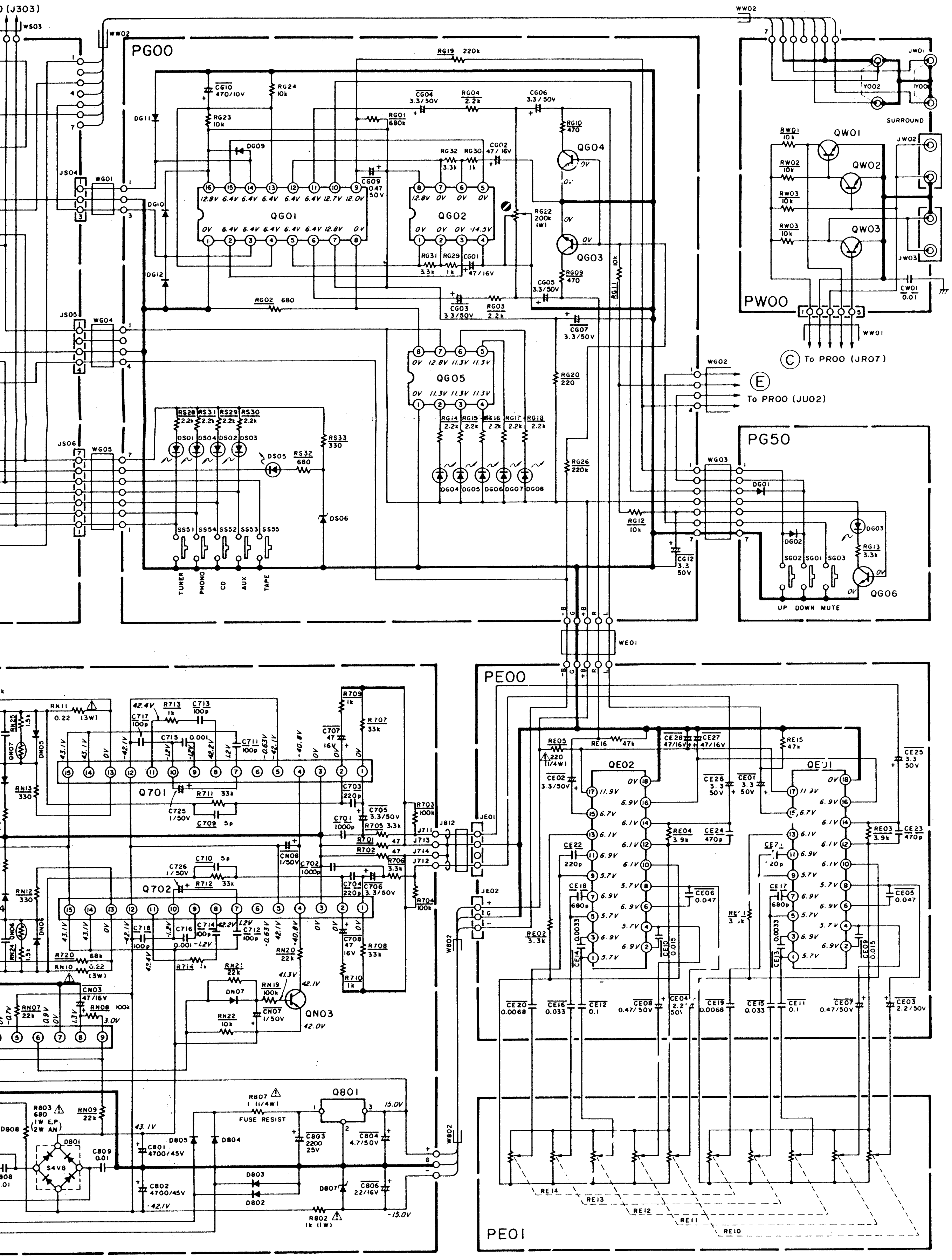
A101	AV01202130	V.H.F. TUNER FRONT END
CA02	CT12000090	TRIMMING 20pF
CA11	CT12000090	TRIMMING 20pF
LA01	LA10295140	ANT COIL MW
LA02	LO10013170	OSC COIL MW
LA03	LA10295150	ANT COIL LW
LA04	LO10013180	OSC COIL LW
LA05	LI10013210	I.F.T. AM
L201	LI20029040	I.F.T. FM DET
L202	LS10295030	M.P.X. COIL

RA24	RA02230600	TRIMMING 22KΩ
R215	RA04730600	TRIMMING 47KΩ
R303	RA04720600	TRIMMING 4.7KΩ
R317	RA02240600	TRIMMING 220KΩ
X501	XI01150010	CRYSTAL 7.2MHz
SU01	SS01020510	SLIDE SWITCH ON/OFF
SU02	SS01020510	SLIDE SWITCH TAPE 1-2
SG01		
≀	SP01010970	PUSH SWITCH VOLUME
SG03		
SS51		
≀	SP01010970	PUSH SWITCH FUNCTION
SS55		
S001	SP01010660	PUSH SWITCH POWER
RG22	RX02040120	VARIABLE 200KΩ

NOTE ON SAFETY :

Symbol ⚠ Fire or electrical shock hazard. Only original parts should be used to replace any part marked with symbol ⚠. Any other component substitution (other than original type), may increase risk of fire or electrical shock hazard.

Components and wiring are subject to


(J303)
PG00
QG01
QG02
QG03
QG04
QG05
PW00
QW01
QW02
QW03
SURROUND
To PROO (JR07)
To PROO (JU02)
PG50
QG06
UP DOWN MUTE
TUNER
PHONO
CD
AUX
TAPE
PE00
QE01
QE02
PE01
Q701
Q702
QN03
Q801
FUSE RESIST
S4VB

QN01
HC10042050
TA7317P

QN02, QN03
HT11175200
2SA1175 (EF, FF)

QN04, QN05
HT32785200
2SC2785 (EF, FF)

Q701, Q702
HC10176030
STK4028V

Q801
HC38515090
NJM78M15

QS01
HC10168030
LC7818

Q401, QG02
HC10054210
BA4558

QE01, QE02
HC10052210
BA3812L

QG01
HC10085050
TC9153P

QW01 ~ QW03, QG06
HT30001000
2SC2785 ETC

QG03, QG04
HT40655IE0
2SD655E

QG05
HC10008770
TL489CP

DN01, D802 ~ D805
HD20016210
1SR35

DN03 ~ DN07, DG01
DG09 ~ DG12 ,DG02
HD20015210
1SS133

D801
HD20008290
S4VB - 20

D806
HD30005020
MA1056M

D807
HD30012020
MA1150M

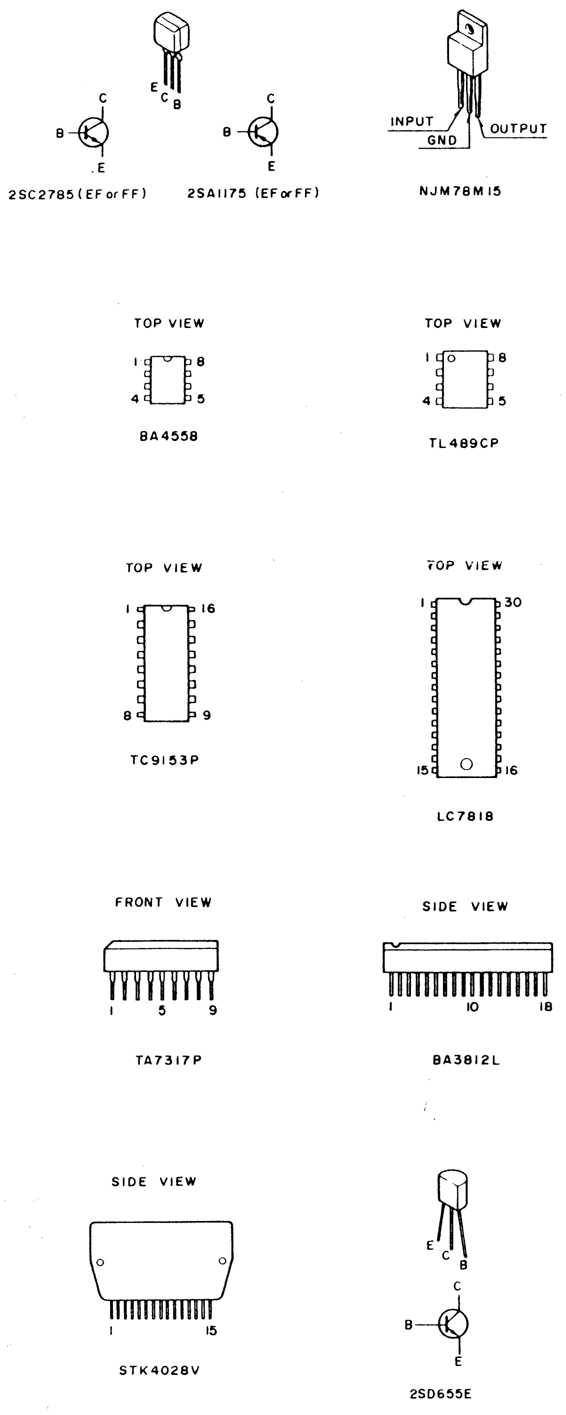
D808
HD30005020
MA1240M

DG03
HI10060020
LN235RPH

DG04 ~ DG08
DS01 ~ DS05
HI10038030
SLP281F - 50U

DS06
HD30004020
MA1051M

QN06, QN07
HH00007030
SDT - 100


2SC2785(EF or FF)
2SA1175 (EF or FF)
NJM78M15
INPUT
GND
OUTPUT
TOP VIEW
BA4558
TOP VIEW
TL489CP
TOP VIEW
TC9153P
TOP VIEW
LC7818
FRONT VIEW
TA7317P
SIDE VIEW
BA3812L
SIDE VIEW
STK4028V
2SD655E

RA24	RA02230600	TRIMMING 22KΩ
R215	RA04730600	TRIMMING 47KΩ
R303	RA04720600	TRIMMING 4.7KΩ
R317	RA02240600	TRIMMING 220KΩ
X501	XI01150010	CRYSTAL 7.2MHz
SU01	SS01020510	SLIDE SWITCH ON/OFF
SU02	SS01020510	SLIDE SWITCH TAPE 1-2
SG01 ≀ SG03	SP01010970	PUSH SWITCH VOLUME
SS51 ≀ SS55	SP01010970	PUSH SWITCH FUNCTION
S001	SP01010660	PUSH SWITCH POWER
RG22	RX02040120	VARIABLE 200KΩ

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Kind of Common Parts

RESISTOR

R*** (1) GD05 - - - 140, Carbon film fixed resistor, ±5% 1/4W

R*** (2) GD05 - - - 160, Carbon film fixed resistor, ±5% 1/6W

C*** : **CERAMIC CAP.**

(1) DD1 - - - - 370, Ceramic condenser,
disc type (titan condenser)
Temp. coeff. P350 ~ N1000 50V

C*** : **CERAMIC CAP.**

(1) DK16 - - - 300, High dielectric constant ceramic condenser,
disc type (titan variable)
Temp. chara. 2B4 50V

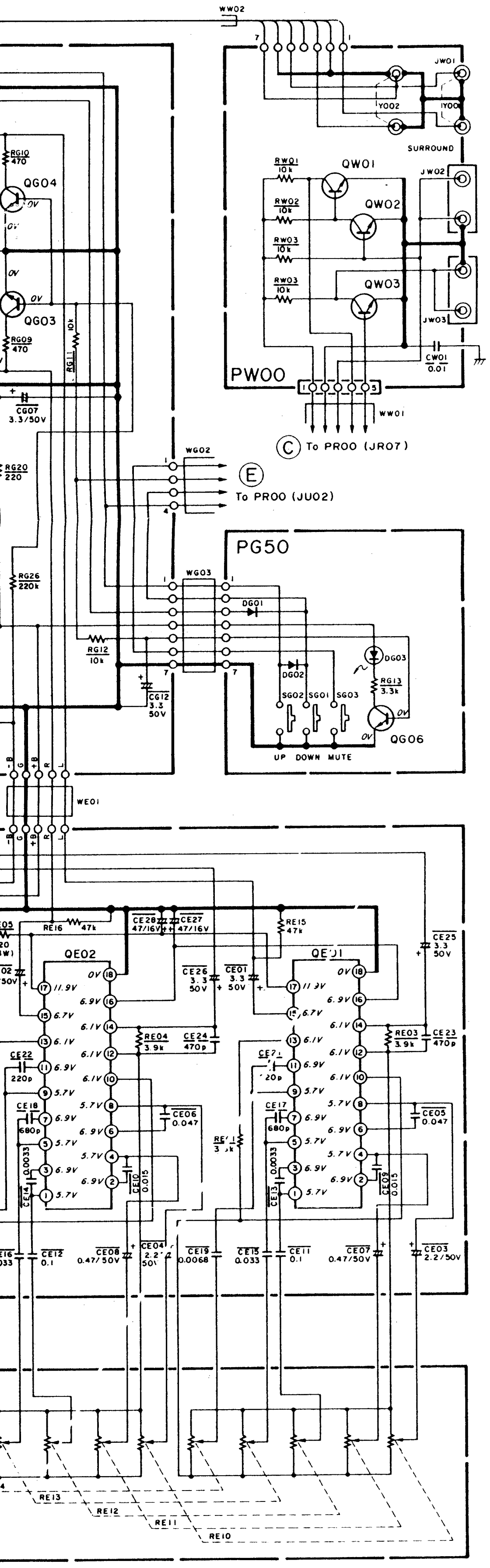
C*** : **ELECTROLY CAP. (⏉) / F**

(1) EA - - - - - - 10, Electrolytic c
one-way lead

(2) DF15 - - - 350, Plastic film c
one-way type

* In case of ordering the common parts parts number of 10 figures by the pr COMMON PARTS CODES"

Components and wiring are subject to change for modification without notice.


WW02
JW01
Y002
Y001
SURROUND
QW01
QW02
QW03
RW01 10k
RW02 10k
RW03 10k
JW02
JW03
CW01 0.01
PW00
WW01
Ⓒ To PROO (JR07)
Ⓔ To PROO (JU02)
WG02
PG50
WG03
DG01
DG02
DG03
SG01
SG02
SG03
RG13 3.3k
QG06
UP DOWN MUTE
RG12 10k
CG12 3.3 50V
QG04
QG03
RG10 470
RG09 470
CG07 3.3/50V
RG20 220
RG26 220k
WE01
QE02
QE01
RE16 47k
RE15 47k
CE28 47/16V
CE27 47/16V
CE26 3.3 50V
CE01 3.3 50V
CE25 3.3 50V
RE04 3.9k
CE24 470p
RE03 3.9k
CE23 470p
CE22 220p
CE18 680p
CE17 680p
CE06 0.047
CE05 0.047
CE12 0.1
CE08 0.47/50V
CE04 2.2 50V
CE19 0.0068
CE13 0.033
CE11 0.1
CE07 0.47/50V
CE03 2.2/50V
RE13
RE12
RE11
RE10

QN01
HC10042050
TA7317P

QN02, QN03
HT11175200
2SA1175 (EF, FF)

QN04, QN05
HT32785200
2SC2785 (EF, FF)

Q701, Q702
HC10176030
STK4028V

Q801
HC38515090
NJM78M15

QS01
HC10168030
LC7818

Q401, QG02
HC10054210
EA4558

QE01, QE02
HC10052210
BA3812L

QG01
HC10085050
TC9153P

QW01 ~ QW03, QG06
HT30001000
2SC2785 ETC

QG03, QG04
HT40655IE0
2SD655E

QG05
HC10008370
TL489CP

DN01, D802 ~ D805
HD20016[illegible]
ISR35

DN03 ~ DN07, DG01
DG09 ~ DG12 ,DG02
HD20015210
ISS133

D801
HD20008290
S4VB - 20

D806
HD30005020
MA1056M

D807
HD30012020
MA1150M

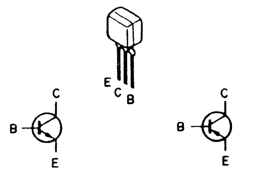
D808
HD30005020
MA1240M

DG03
HI10060020
LN235RPH

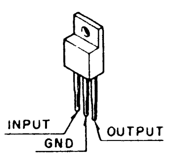
DG04 ~ DG08
DS01 ~ DS05
HI10038030
SLP281F - 50U

DS06
HD30004020
MA1051M

QN06, QN07
HH00007030
SDT - 100

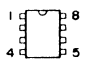


2SC2785 (EF or FF)   2SA1175 (EF or FF)


INPUT
GND
OUTPUT

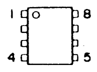
NJM78M15

TOP VIEW



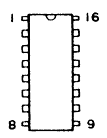
BA4558

TOP VIEW



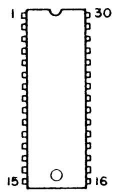
TL489CP

TOP VIEW



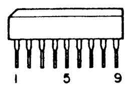
TC9153P

TOP VIEW



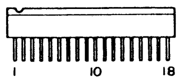
LC7818

FRONT VIEW



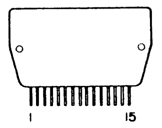
TA7317P

SIDE VIEW

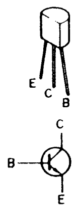


BA3812L

SIDE VIEW



STK4028V



2SD655E

"SERVICE INFORMATION IS FOR USE BY QUALIFIED RERSONNEL ONLY – ANY MISADJUSTMENT OR MISALIGNMENT MAY BE TREATED AS A NON-WARRANTY REPAIR BY ANY MARANTZ SERVICE CENTRE – "

Kind of Common Parts

RESISTOR

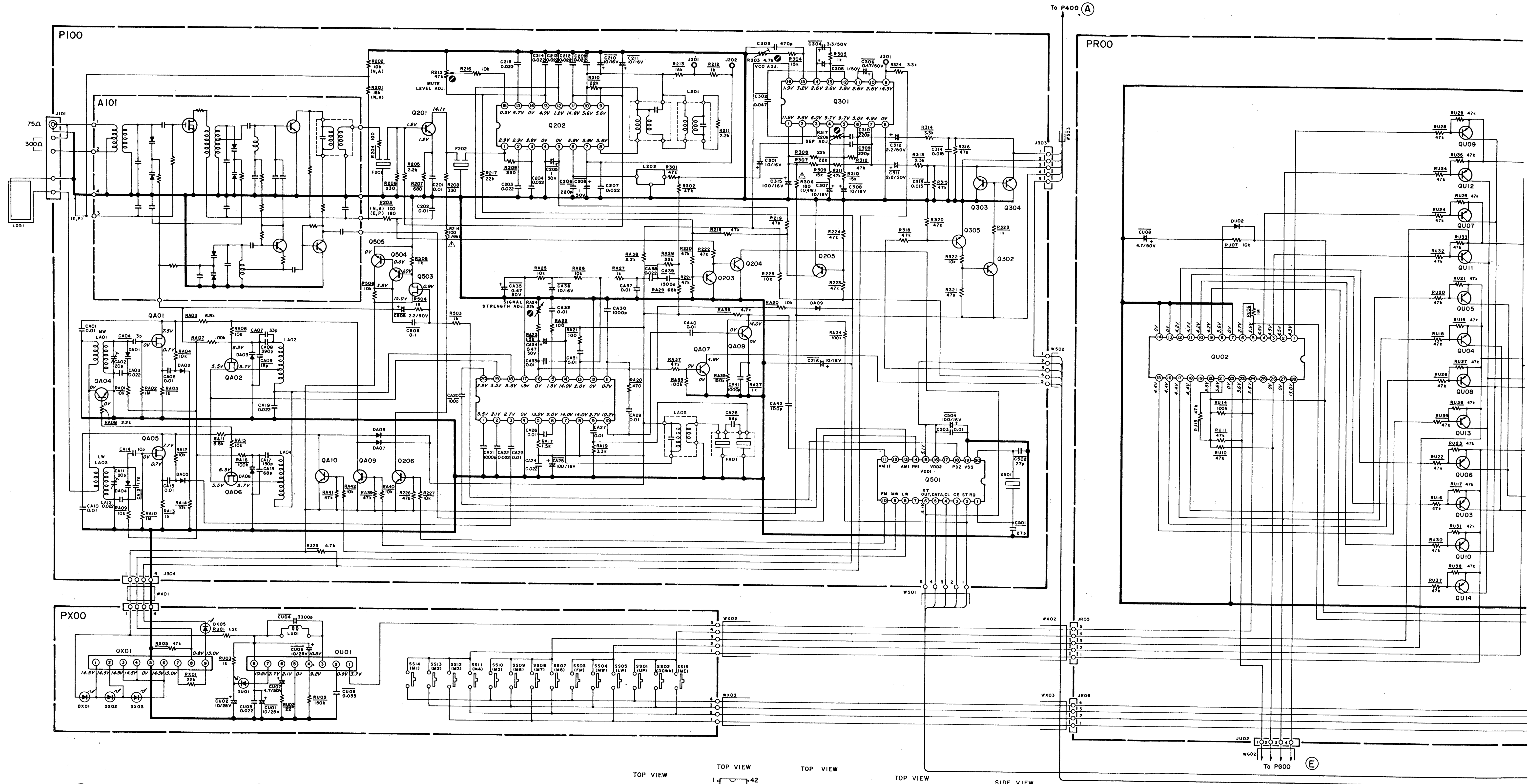
R*** (1) GD05 - - - 140, Carbon film fixed resistor, ±5% 1/4W
R*** (2) GD05 - - - 160, Carbon film fixed resistor, ±5% 1/6W

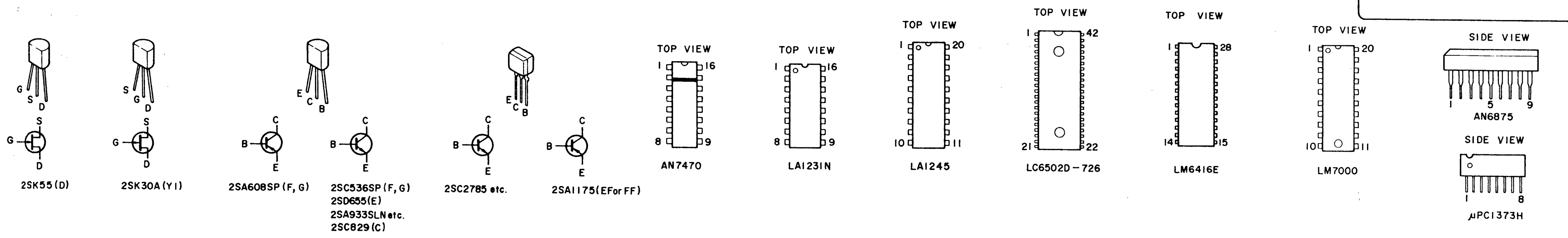
C*** : **CERAMIC CAP.**
(1) DD1 - - - - 370, Ceramic condenser,
disc type (titan condenser)
Temp. coeff. P350 ~ N1000 50V

C*** : **CERAMIC CAP.**
(1) DK16 - - - 300, High dielectric constant ceramic condenser,
disc type (titan variable)
Temp. chara. 2B4 50V

C*** : **ELECTROLY CAP. (⫩) / FILM CAP. (⫧)**
(1) EA - - - - - - 10, Electrolytic condenser,
one-way lead type, tolerance ±20%
(2) DF15 - - - 350, Plastic film condenser,
one-way type, Mylar, ±5% 50V

* In case of ordering the common parts, please establish the correct parts number of 10 figures by the procedure "ASSIGNMENT OF COMMON PARTS CODES"


To P400 Ⓐ
P100
PR00
PX00
A101
J101
75Ω
300Ω
L051
Q201
Q202
Q203
Q204
Q205
Q206
Q301
Q302
Q303
Q304
Q305
Q501
Q503
Q504
Q505
QA01
QA02
QA04
QA05
QA06
QA07
QA08
QA09
QA10
QU02
QX01
QU01
LA01
LA02
LA03
LA04
LA05
L201
L202
F201
F202
FA01
X501
MUTE LEVEL ADJ.
SIGNAL STRENGTH ADJ.
VCO ADJ.
SEP ADJ.
J303
J304
W502
W501
WX01
WX02
WX03
JR05
JR06
JU02
WG02
To PG00 Ⓔ
DX01
DX02
DX03
DU01
SS14 (MI)
SS13 (M2)
SS12 (M3)
SS11 (M4)
SS10 (M5)
SS09 (M6)
SS08 (M7)
SS07 (M8)
SS03 (FM)
SS04 (MW)
SS05 (LW)
SS01 (UP)
SS02 (DOWN)
SS16 (ME)


2SK55(D)
2SK30A(YI)
2SA608SP(F,G)
2SC536SP(F,G)
2SD655(E)
2SA933SLN etc.
2SC829(C)
2SC2785 etc.
2SAI175(E or FF)
TOP VIEW
AN7470
LA1231N
LA1245
LC6502D-726
LM6416E
LM7000
SIDE VIEW
AN6875
μPC1373H
G
S
D
B
C
E

QR01
HC10163030
LC6502D-726

QR03
HT30001000
2SC2785, ETC.

QU01
HC10071060
μPC1373H

QU02
HC10167030
LM6416E

QU03 ~ QU14, Q502
HT10001000
2SA933SLN, ETC

QX01
HC10065020
AN6875

QA01, QA05
HF20055100
2SK55 (D)

QA02, QA06
HF20030080
2SK30A YI

QA03
HC10058030
LA1245

QA04
HT406551E0
2SD655 (E)

QA09, QA10, Q206, Q302
HT10001000
2SA608SP (F,G), 2SA1175 (F,E), ETC

Q201
HT308291C0
2SC829 (C)

Q202
HC10028030
LA1231N

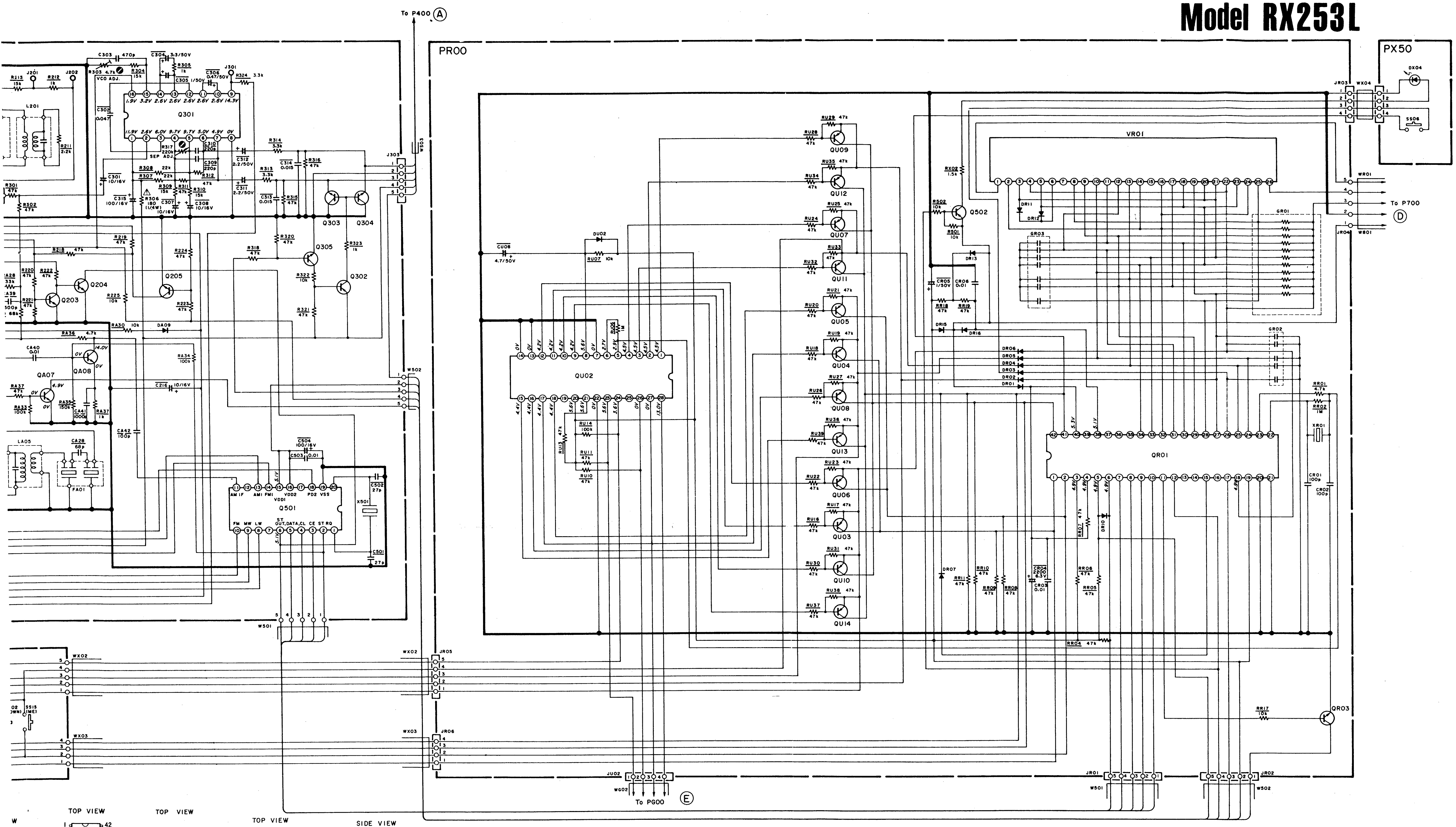
Q301
HC10046020
AN7470

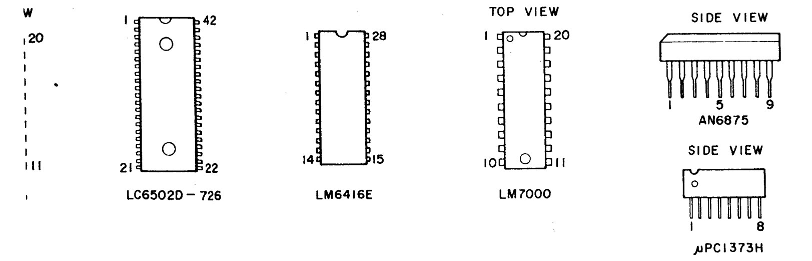
Q501
HC10164030
LM7000

QA07, QA08, Q203 ~ Q205
Q303 ~ Q305, Q504, Q505
HT30001000
2SC536SP (F,G), 2SC2785 (F,E), ETC

F001	FS10063800	FUSE 630mA 250V
L001	TS16806010	POWER TRANSF.
L051	LA00015020	ANT COIL LOOP
SS01 ~ SS15	SP01010970	PUSH SWITCH TACT
VR01	HQ30706060	DISPLAY UNIT
SS50	SP02020880	PUSH SWITCH SPEAKER
RE10 ~ RE14	RS02540160	VARIABLE 250KΩ
A101	AV01202130	V.H.F. TUNER FRONT END
CA02	CT12000090	TRIMMING 20pF
CA11	CT12000090	TRIMMING 20pF
LA01	LA10295140	ANT COIL MW
LA02	LO10013170	OSC COIL MW
LA03	LA10295150	ANT COIL LW
LA04	LO10013180	OSC COIL LW
LA05	LI10013210	I.F.T. AM
L201	LI20029040	I.F.T. FM DET
L202	LS10295030	M.P.X. COIL
RA24	RA02230600	TRIMMING 22KΩ
R215	RA04730600	TRIMMING 47KΩ
R303	RA04720600	TRIMMING 4.7KΩ
R317	RA02240600	TRIMMING 220KΩ
X501	XI01150010	CRYSTAL 7.2MHz
SG01 ~ SG03	SP01010970	PUSH SWITCH VOLUME
SS51 ~ SS55	SP01010970	PUSH SWITCH FUNCTION
S001	SP01010660	PUSH SWITCH POWER

Model RX253L


To P400 Ⓐ
PR00
PX50
VR01
GR01
GR02
GR03
QR01
QR03
QU02
Q301
Q501
X501
To P700 Ⓓ
To PG00 Ⓔ


TOP VIEW
LC6502D-726
TOP VIEW
LM6416E
TOP VIEW
LM7000
SIDE VIEW
AN6875
SIDE VIEW
µPC1373H

QR01
HC10163030
LC6502D-726

QR03
HT30001000
2SC2785, ETC

QU01
HC10071060
µPC1373H

QU02
HC10167030
LM6416E

QU03 ~ QU14, Q502
HT10001000
2SA933SLN, ETC

QX01
HC10065020
AN6875

QA01, QA05
HF20055ID0
2SK55 (D)

QA02, QA06
HF20030080
2SK30A Y1

QA03
HC10058030
LA1245

QA04
HT40655IE0
2SD655 (E)

QA09, QA10, Q206, Q302
HT10001000
2SA608SP (F,G), 2SA1175 (F,E), ETC

Q201
HT30829IC0
2SC829 (C)

Q202
HC10028030
LA1231N

Q301
HC10046020
AN7470

Q501
HC10164030
LM7000

QA07, QA08, Q203 ~ Q205
Q303 ~ Q305, Q504, Q505
HT30001000
2SC536SP (F,G), 2SC2785 (F,E), ETC

DU01
Hi60001060
PH302

DX01 ~ DX03, DX05
Hi10043020
LN210RP

DX04
Hi10039020
LN230RPP

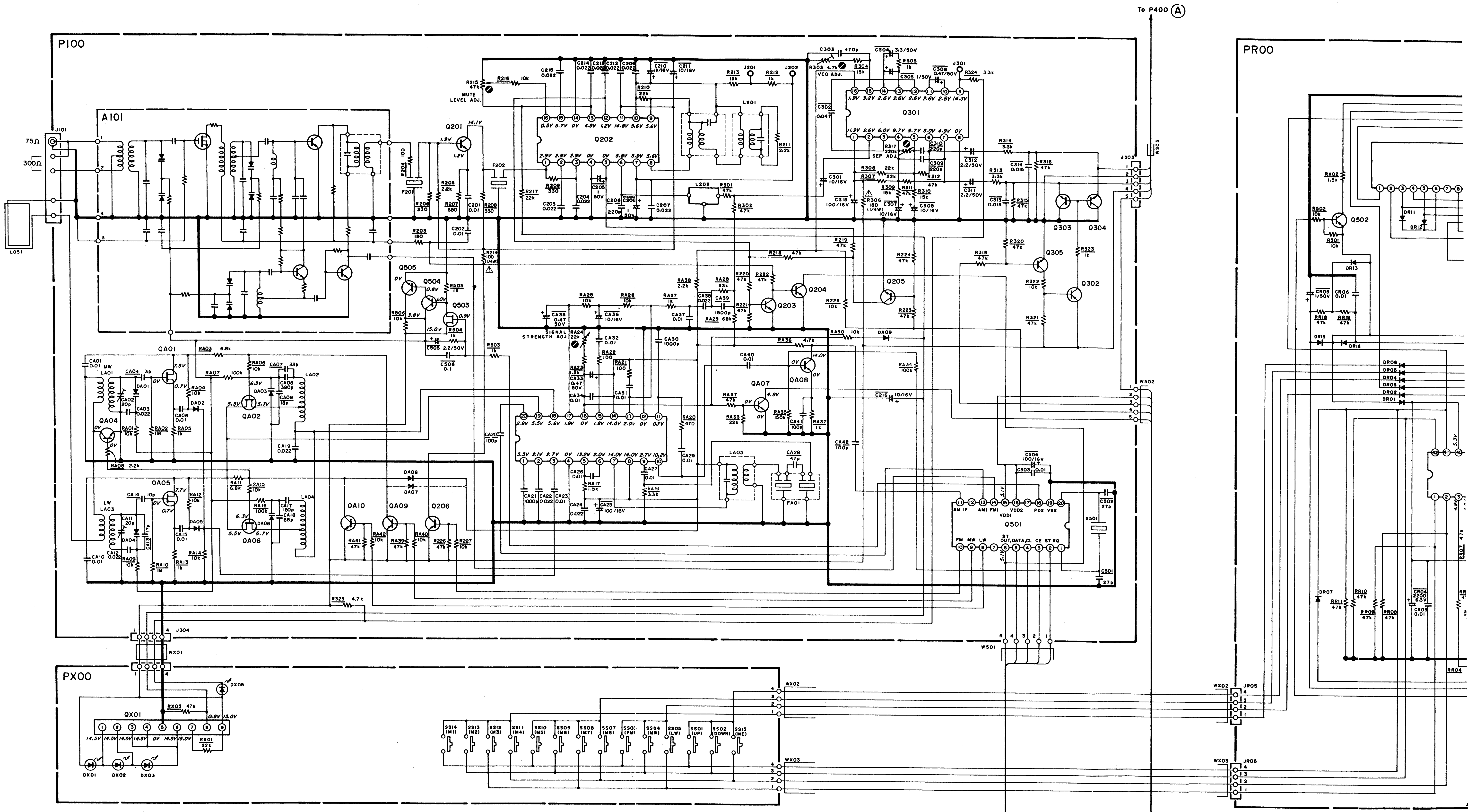
DA01, DA03, DA04, DA06
HD40006030
SVC321SP

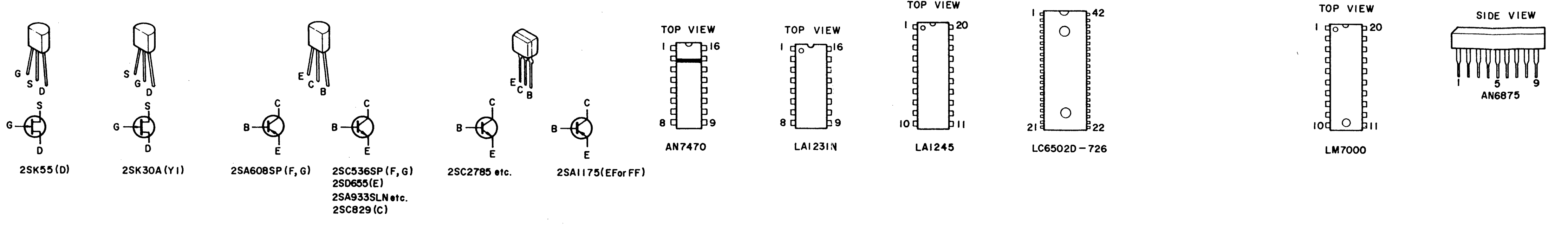
DR01 ~ DR07, DR10 ~ DR16
DA02, DA05, DA07 ~ DA09, DU02
HD20015210
1SS133

LA01	LA10295140	ANT COIL MW
LA02	LO10013170	OSC COIL MW
LA03	LA10295150	ANT COIL LW
LA04	LO10013180	OSC COIL LW
LA05	LI10013210	I.F.T. AM
L201	LI20029040	I.F.T. FM DET
L202	LS10295030	M.P.X. COIL

RA24	RA02230600	TRIMMING 22KΩ
R215	RA04730600	TRIMMING 47KΩ
R303	RA04720600	TRIMMING 4.7KΩ
R317	RA02240600	TRIMMING 220KΩ
X501	XI01150010	CRYSTAL 7.2MHz

SG01 ~ SG03	SP01010970	PUSH SWITCH VOLUME
SS51 ~ SS55	SP01010970	PUSH SWITCH FUNCTION
S001	SP01010660	PUSH SWITCH POWER
RG22	RX02040120	VARIABLE 200KΩ


To P400 Ⓐ
P100
A101
PR00
PX00
J101
75Ω
300Ω
L051
Q201
Q202
Q203
Q204
Q205
Q301
Q302
Q303
Q304
Q305
Q501
Q502
Q503
Q504
Q505
QA01
QA02
QA04
QA05
QA06
QA07
QA08
QA09
QA10
Q206
QX01
L201
L202
LA01
LA02
LA03
LA04
LA05
FA01
F201
F202
X501
J201
J202
J301
J303
J304
W502
W503
W501
WX01
WX02
WX03
JR05
JR06
MUTE LEVEL ADJ.
VCO ADJ.
SEP ADJ.
SIGNAL STRENGTH ADJ.
MW
LW
SS14 (M1)
SS13 (M2)
SS12 (M3)
SS11 (M4)
SS10 (M5)
SS09 (M6)
SS08 (M7)
SS07 (M8)
SS03 (FM)
SS04 (MW)
SS05 (LW)
SS01 (UP)
SS02 (DOWN)
SS15 (ME)
DX01
DX02
DX03
DX05
AM IF
AMI
FMI
VDD1
VDD2
PD2
VSS
FM
MW
LW
ST OUT
DATA
CL
CE
ST RQ


2SK55(D)
2SK30A(Y1)
2SA608SP(F,G)
2SC536SP(F,G)
2SD655(E)
2SA933SLN etc.
2SC829(C)
2SC2785 etc.
2SA1175(EForFF)
TOP VIEW
AN7470
TOP VIEW
LA1231N
TOP VIEW
LA1245
TOP VIEW
LC6502D-726
TOP VIEW
LM7000
SIDE VIEW
AN6875

QR01
HC10163030
LC6502D-726

QR03
HT30001000
2SC2785 etc

Q502
HT10001000
2SA933SLN etc

QX01
HC10065020
AN6875

QA01, QA05
HF20055ID0
2SK55 (D)

QA02, QA06
HF200300B0
2SK30A Y1

QA03
HC10058030
LA1245

QA04
HT40655IE0
2SD655(E)

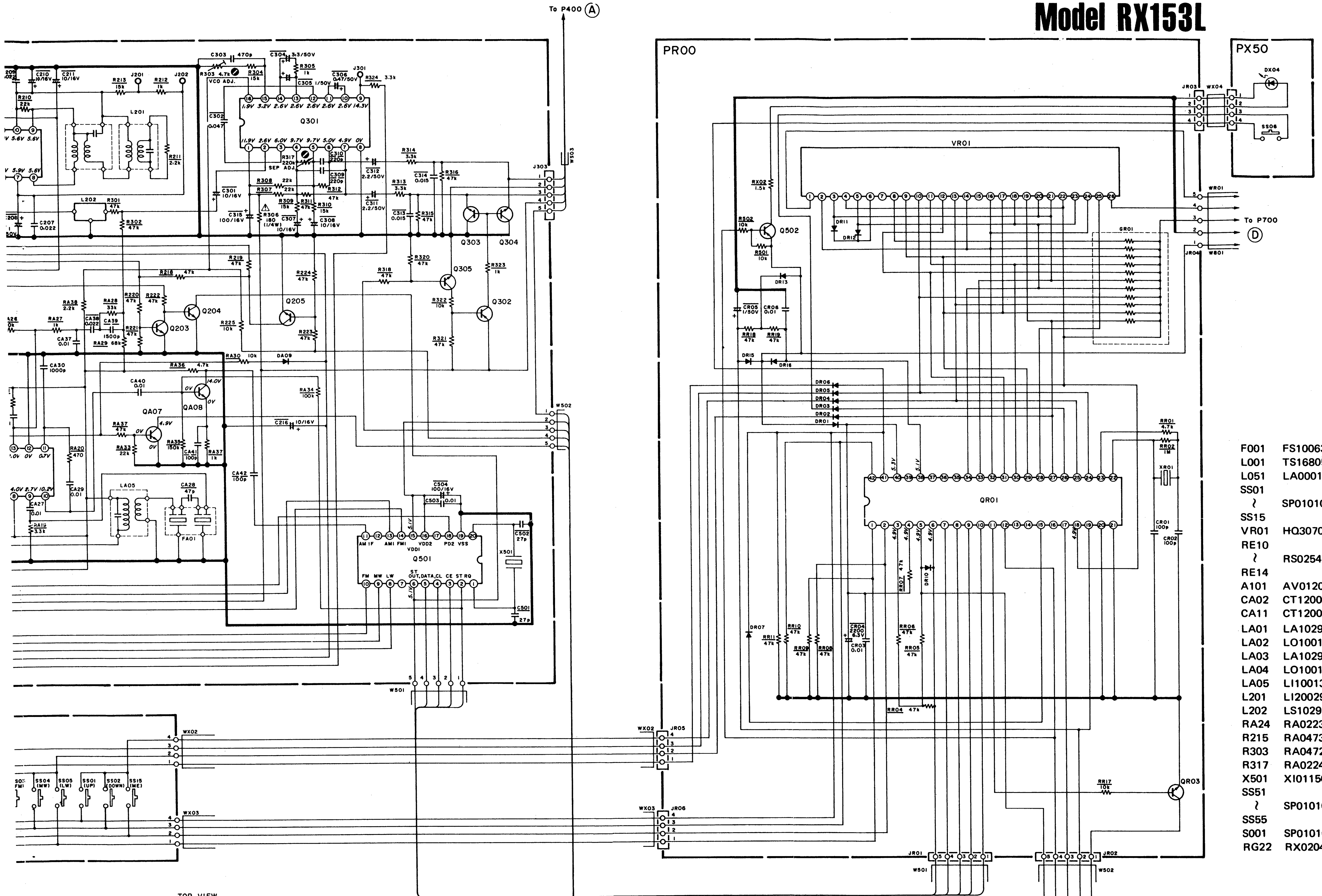
QA09, QA10, Q206, Q302
HT10001000
2SA608SP(F,G), 2SA1175(F,E)

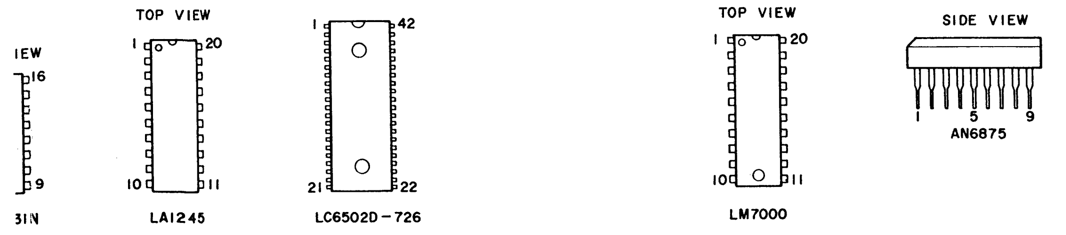
Q201
HT308291C0
2SC829(C)

Q202
HC10028030
LA1231N

Q301
HC10046020
AN7470

Model RX153L


To P400 Ⓐ
PR00
PX50
To P700 Ⓓ
Q301
Q303
Q304
Q305
Q302
Q204
Q203
Q205
QA07
QA08
Q501
Q502
QR01
QR03
VR01
GR01
J303
W502
W501
WX02
WX03
JR05
JR06
JR01
JR02
JR03
WX04
JR04
WR01
W801
X501
XR01
SS06
DX04
FA01
LA05
L201
L202
VCO ADJ.
SEP ADJ.
SS03 (FM)
SS04 (MW)
SS05 (LW)
SS01 (UP)
SS02 (DOWN)
SS15 (ME)


TOP VIEW
LA1245
TOP VIEW
LC6502D-726
TOP VIEW
LM7000
SIDE VIEW
AN6875

F001	FS10063800	FUSE 630mA 250V
L001	TS16805010	POWER TRANSF.
L051	LA00015020	ANT COIL LOOP
SS01 ≀ SS15	SP01010970	PUSH SWITCH TACT
VR01	HQ30706060	DISPLAY UNIT
RE10 ≀ RE14	RS02540160	VARIABLE 250KΩ
A101	AV01202130	V.H.F. TUNER FRONT END
CA02	CT12000090	TRIMMING 20pF
CA11	CT12000090	TRIMMING 20pF
LA01	LA10295140	ANT COIL MW
LA02	LO10013170	OSC COIL MW
LA03	LA10295150	ANT COIL LW
LA04	LO10013180	OSC COIL LW
LA05	LI10013210	I.F.T. AM
L201	LI20029040	I.F.T. FM DET
L202	LS10295030	M.P.X. COIL
RA24	RA02230600	TRIMMING 22KΩ
R215	RA04730600	TRIMMING 47KΩ
R303	RA04720600	TRIMMING 4.7KΩ
R317	RA02240600	TRIMMING 220KΩ
X501	XI01150010	CRYSTAL 7.2MHz
SS51 ≀ SS55	SP01010970	PUSH SWITCH FUNCTION
S001	SP01010660	PUSH SWITCH POWER
RG22	RX02040120	VARIABLE 200KΩ

QR01
HC10163030
LC6502D-726

QR03
HT30001000
2SC2785 etc

Q502
HT10001000
2SA933SLN etc

QX01
HC10065020
AN6875

QA01, QA05
HF200551D0
2SK55 (D)

QA02, QA06
HF200300B0
2SK30A YI

QA03
HC10058030
LA1245

QA04
HT406551E0
2SD655(E)

QA09, QA10, Q206, Q302
HT10001000
2SA608SP(F,G), 2SA1175(F,E) etc

Q201
HT308291C0
2SC829(C)

Q202
HC10028030
LA1231N

Q301
HC10046020
AN7470

Q501
HC10164030
LM7000

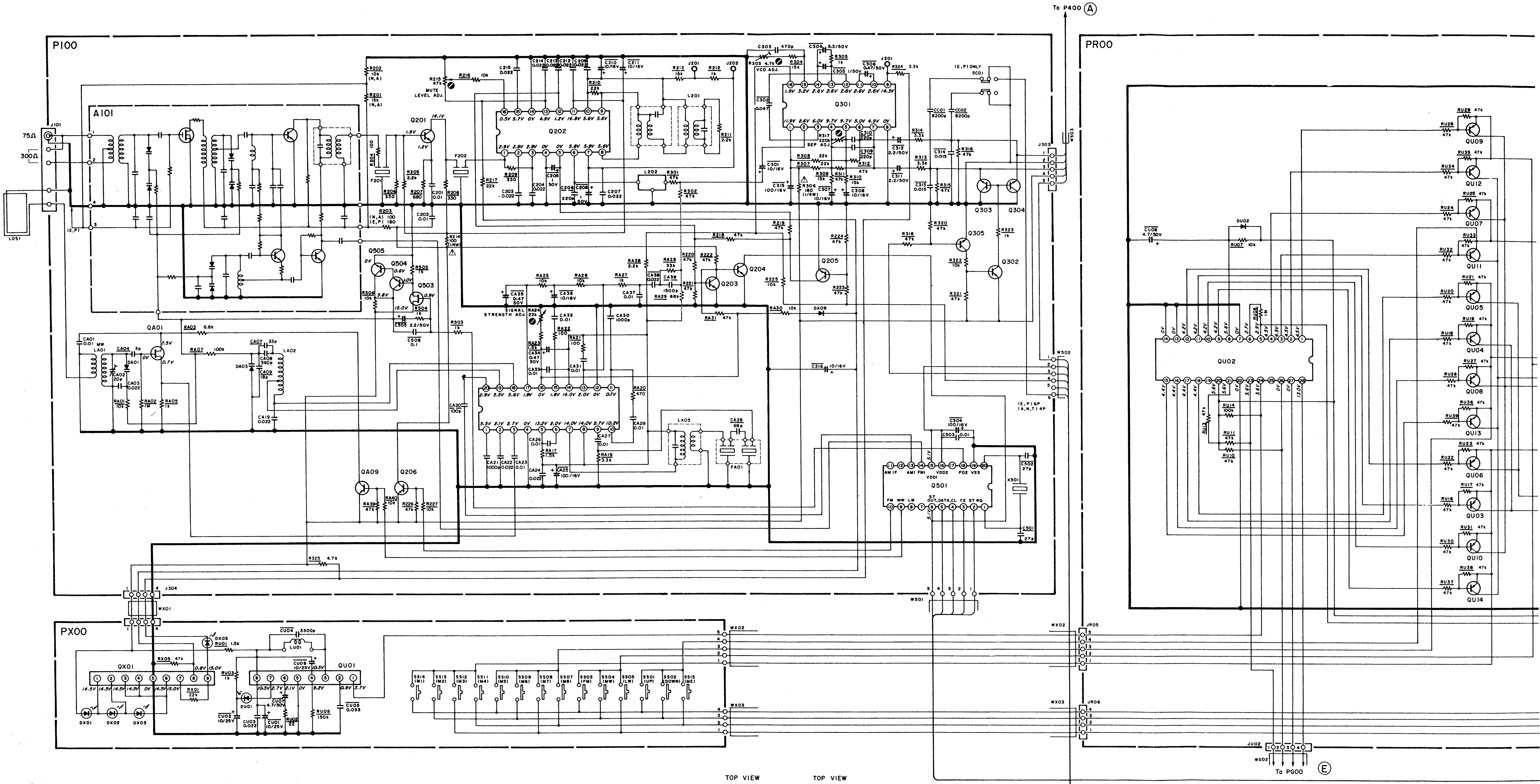
QA07, QA08, Q203 ∼ Q205
Q303 ∼ Q305, Q504, Q505
HT30001000
2SC536SP(F,G), 2SC2785(F,E) etc

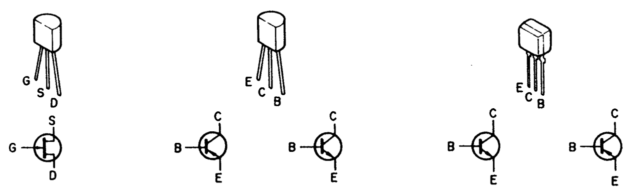
DX01 ∼ DX03, DX05
HI10043020
LN210RP

DX04
HI10039020
LN230RPP

DA01, DA03, DA04, DA06
HD40006030
SVC 321SP

DR01 ∼ DR07, DR10 ∼ DR13, DR15, DR16
DA02, DA05, DA07 ∼ DA09
HD20015210
1SS133


To P400 Ⓐ
P100
PR00
PX00
A101
J101
75Ω
300Ω
L051
(E,P)
Q201
Q202
Q203
Q204
Q205
Q206
Q301
Q302
Q303
Q304
Q305
Q501
Q503
Q504
Q505
QA01
QA09
QU01
QU02
QX01
QU03
QU04
QU05
QU06
QU07
QU08
QU09
QU10
QU11
QU12
QU13
QU14
R215 47k MUTE LEVEL ADJ.
R303 4.7k VCO ADJ.
R317 220k SEP ADJ.
RA24 22k SIGNAL STRENGTH ADJ.
F201
F202
L201
L202
LA01
LA02
LA05
FA01
X501
SC01 (E,P) ONLY
J303
J304
W302
W303
W501
W502
WX01
WX02
WX03
JR05
JR06
JU02
WG02
(E,P) 6P (A,N,T) 4P
DX01
DX02
DX03
DX05
DU01
DU02
SS14 (M1)
SS13 (M2)
SS12 (M3)
SS11 (M4)
SS10 (M5)
SS09 (M6)
SS08 (M7)
SS07 (M8)
SS03 (FM)
SS04 (MW)
SS05 (LW)
SS01 (UP)
SS02 (DOWN)
SS15 (ME)
To PG00 Ⓔ

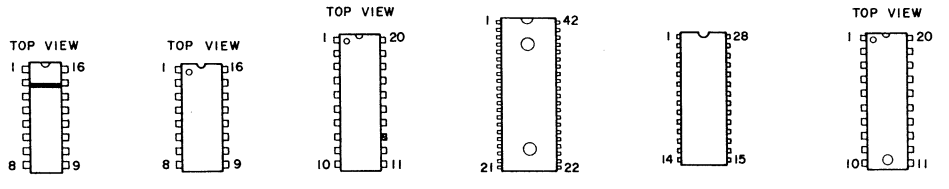

2SK55 (D)

2SA608SP (F, G)

2SC536SP (F, G)
2SA933SLN, etc
2SC829 (C)

2SC2785 etc.

2SA1175(EFor FF)


TOP VIEW
TOP VIEW
TOP VIEW
TOP VIEW
TOP VIEW
TOP VIEW
AN7470

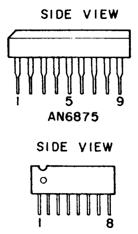
LA1231N

LA1245

LC6502D - 726

LM6416E

LM7000


SIDE VIEW
SIDE VIEW
AN6875

µPC1373H

QR01
HC10163030
LC6502D - 726

QR03
HT30001000
2SC2785, ETC

QU01
HC10071060
µPC1373H

QU02
HC10167030
LM6416E

QU03 ~ QU14, Q502
HT10001000
2SA933SLN, ETC

QX01
HC10065020
AN6875

QA01
HF20055100
2SK55 (D)

QA03
HC10058030
LA1245

QA09, Q206, Q302, QR02
HT10001000
2SA608SP (F,G), 2SA1175 (F,E), ETC

Q201
HT308291C0
2SC829 (C)

Q202
HC10028030
LA1231N

Q301
HC10046020
AN7470

Q501
HC10164030
LM7000

Q203 ~ Q205
Q303 ~ Q305, Q504, Q505
HT30001000
2SC536SP (F,G), 2SC2785(F,E), ETC

F001	FS10063800	FUSE 630mA 250V [N, E, A]
F001	FS10125800	FUSE 1.25A [P]
L001	TS16806010	POWER TRANSF. [N, A]
L001	TS16806020	POWER TRANSF. [E, P]
L051	LA00015020	ANT COIL LOOP

SS01 ≀ SS04	SP01010970	PUSH SWITCH TACT
SS06 ≀ SS15	SP01010970	PUSH SWITCH TACT

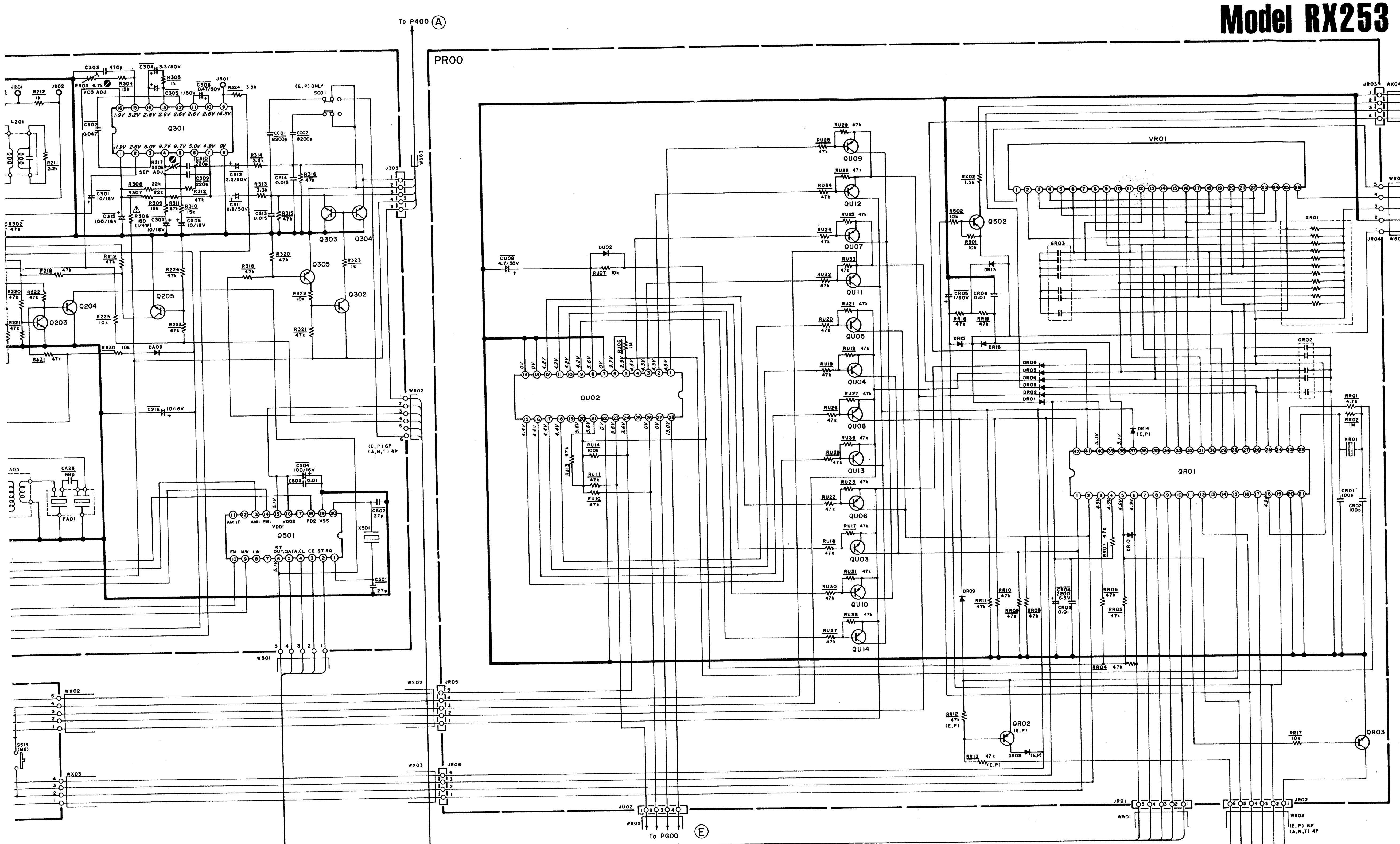
VR01	HQ30705060	DISPLAY UNIT
SS50	SP02020880	PUSH SWITCH SPEAKER
RE10 ≀ RE14	RS02540160	VARIABLE 250KΩ
A101	AV01202130	V.H.F. TUNER FRONT END [E, P]
A101	AV01202180	V.H.F. TUNER FRONT END [N, A]
CA02	CT12000090	TRIMMING 20pF

LA01	LA10295140	ANT COIL MW
LA02	LO10013170	OSC COIL MW
LA05	LI10013210	I.F.T. AM
L201	LI20029040	I.F.T. FM DET
L202	LS10295030	M.P.X. COIL [N, A]

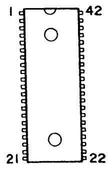
RA24	RA02230600	TRIMMING 22KΩ
R215	RA04730600	TRIMMING 47KΩ
R303	RA04720600	TRIMMING 4.7KΩ
R317	RA02240600	TRIMMING 220KΩ
X501	XI01150010	CRYSTAL 7.2MHz

SG01
≀
SG03
SC01

Model RX253

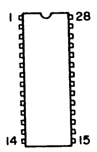

To P400 Ⓐ
PR00
PX50
Q301
Q303
Q304
Q305
Q302
Q205
Q204
Q203
Q501
X501
FA01
VCO ADJ.
SEP ADJ.
(E,P) ONLY
SC01
J303
W503
W502
(E,P) 6P
(A,N,T) 4P
W501
WX02
WX03
JR05
JR06
SS15 (ME)
QU02
QU09
QU12
QU07
QU11
QU05
QU04
QU08
QU13
QU06
QU03
QU10
QU14
Q502
VR01
GR01
GR02
GR03
QR01
QR02 (E,P)
QR03
XR01
JR03
WX04
DX04
SS06
WR01
JR04
W801
To P700 Ⓓ
JU02
WG02
To PG00 Ⓔ
JR01
W501
JR02
W502
(E,P) 6P
(A,N,T) 4P

TOP VIEW



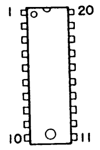
LC6502D-726

TOP VIEW



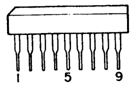
LM6416E

TOP VIEW



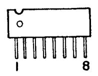
LM7000

SIDE VIEW



AN6875

SIDE VIEW



µPC1373H

QR01
HC10163030
LC6502D-726

QR03
HT30001000
2SC2785, ETC

QU01
HC10071060
µPC1373H

QU02
HC10167030
LM6416E

QU03 ~ QU14, Q502
HT10001000
2SA933SLN, ETC

QX01
HC10065020
AN6875

QA01
HF20055100
2SK55 (D)

QA03
HC10058030
LA1245

QA09, Q206, Q302, QR02
HT10001000
2SA608SP (F,G), 2SA1175 (F,E), ETC

Q201
HT308291C0
2SC829 (C)

Q202
HC10028030
LA1231N

Q301
HC10046020
AN7470

Q501
HC10164030
LM7000

Q203 ~ Q205
Q303 ~ Q305, Q504, Q505
HT30001000
2SC536SP (F,G), 2SC2785 (F,E), ETC

DU01
Hi60001060
PH302

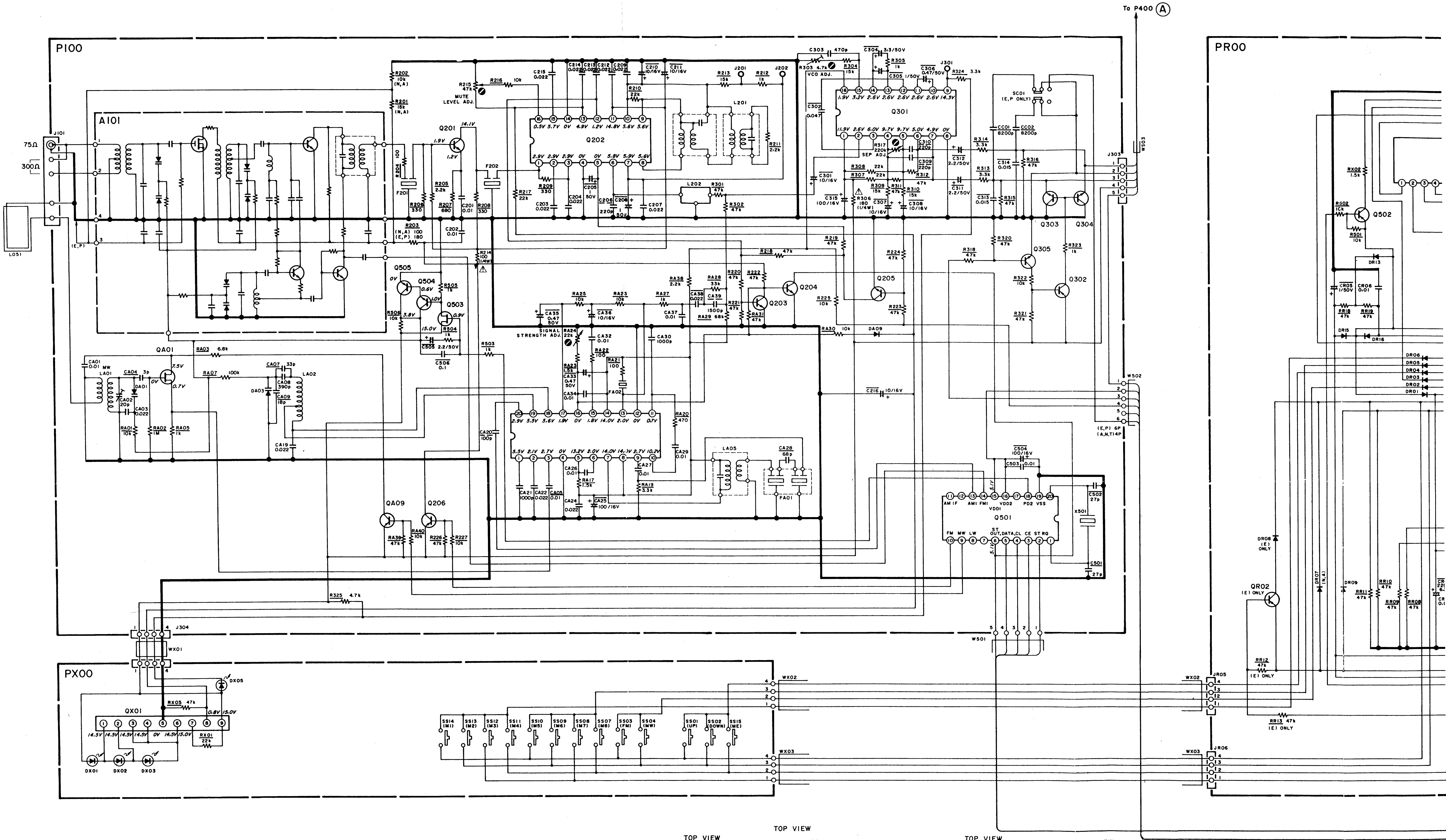
DX01 ~ DX03, DX05
Hi10043020
LN210RP

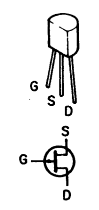
DX04
Hi10039020
LN230RPP

DA01, DA03
HD40006030
SVC321SP

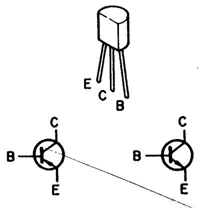
DR01 ~ DR06, DR08, DR09, DR10, DR13 ~ DR16
DA09, DU02
HD20015210
1SS133

R01	HQ30705060	DISPLAY UNIT
S50	SP02020880	PUSH SWITCH SPEAKER
E10 ~ E14	RS02540160	VARIABLE 250KΩ
101	AV01202130	V.H.F. TUNER FRONT END [E, P]
101	AV01202180	V.H.F. TUNER FRONT END [N, A]
A02	CT12000090	TRIMMING 20pF
LA01	LA10295140	ANT COIL MW
LA02	LO10013170	OSC COIL MW
LA05	LI10013210	I.F.T. AM
L201	LI20029040	I.F.T. FM DET
L202	LS10295030	M.P.X. COIL [N, A]
RA24	RA02230600	TRIMMING 22KΩ
R215	RA04730600	TRIMMING 47KΩ
R303	RA04720600	TRIMMING 4.7KΩ
R317	RA02240600	TRIMMING 220KΩ
X501	XI01150010	CRYSTAL 7.2MHz
SG01 ~ SG03	SP01010970	PUSH SWITCH VOLUME
SC01	SS02020730	SLIDE SWITCH SCAN STEP
SS51 ~ SS55	SP01010970	PUSH SWITCH FUNCTION
S001	SP01010660	PUSH SWITCH POWER
RG22	RX02040120	VARIABLE 200KΩ


To P400 Ⓐ
P100
A101
PX00
PR00
J101
75Ω
300Ω
L051
(E,P)
R202 10k (N,A)
R201 15k (N,A)
R215 47k MUTE LEVEL ADJ.
R216 10k
Q201 14.1V 1.9V 1.2V
R204 100
F201
R205 2.2k
R206 330
R207 680
C201 0.01
R208 330
F202
R203 (N,A) 100 (E,P) 180
C202 0.01
R214 100 (1/4W)
⚠
Q505 0V
Q504 0.6V 1.0V
Q503 0.9V
R505 1k
R506 10k 3.8V
15.0V
R504 1k
C505 2.2/50V
C506 0.1
R503 1k
C215 0.022
C214 0.022
C213 0.022
C212 0.022
C209 0.022
C210 10/16V
C211 10/16V
R210 22k
R213 15k
J201
R212 1k
J202
L201
R211 2.2k
Q202
0.5V 5.7V 0V 4.9V 1.2V 14.8V 5.6V 5.6V
2.9V 2.9V 2.9V 0V 0V 5.8V 5.9V 5.6V
R217 22k
R209 330
C203 0.022
C204 0.022
C205 1 50V
C206 220p
C208 1 50V
C207 0.022
L202
R301 47k
R302 47k
C303 470p
R303 4.7k VCO ADJ.
R304 15k
C304 3.3/50V
R305 1k
C305 1/50V
C306 0.47/50V
J301
R324 3.3k
C302 0.047
Q301
1.9V 3.2V 2.6V 2.6V 2.6V 2.6V 2.6V 14.3V
11.9V 2.6V 6.0V 9.7V 9.7V 5.0V 4.9V 0V
R317 220k SEP ADJ.
C310 220p
C309 220p
R308 22k
R307 22k
R312 47k
R309 15k
R311 47k
R310 15k
C301 10/16V
C315 100/16V
R306 180 (1/4W)
C307 10/16V
C308 10/16V
C312 2.2/50V
C311 2.2/50V
SC01 (E,P ONLY)
CC01 8200p
CC02 8200p
R314 3.3k
R313 3.3k
C314 0.015
R316 47k
C313 0.015
R315 47k
J303
WS03
Q303
Q304
R320 47k
R323 1k
R318 47k
Q305
R322 10k
Q302
R321 47k
R219 47k
R218 47k
R224 47k
Q205
R223 47k
R225 10k
Q204
Q203
R220 47k
R222 47k
R221 47k
RA31 47k
RA38 2.2k
RA28 33k
CA38 0.022
CA39 1500p
RA29 68k
RA25 10k
RA23 10k
RA27 1k
CA35 0.47 50V
CA36 10/16V
CA37 0.01
SIGNAL STRENGTH ADJ.
RA24 22k
CA32 0.01
CA30 1000p
RA22 100
RA21 100
RA23 1.5k
CA33 0.47 50V
CA34 0.01
FA02
RA30 10k
DA09
C216 10/16V
2.9V 5.5V 5.6V 1.9V 0V 1.8V 14.0V 2.0V 0V 0.7V
5.5V 2.1V 2.7V 0V 13.2V 2.0V 14.0V 14.0V 2.7V 10.2V
RA20 470
CA29 0.01
CA20 100p
CA21 1000p
CA22 0.022
CA05 0.01
CA26 0.01
RA17 1.5k
CA24 0.022
CA25 100/16V
CA27 0.01
RA19 3.3k
LA05
CA28 68p
FA01
QA01 7.5V 0V 0.7V
RA03 6.8k
CA01 0.01
MW
LA01
CA04 3p
DA01
CA02 20p
CA03 0.022
RA01 10k
RA02 1M
RA05 1k
RA07 100k
CA07 33p
LA02
CA08 390p
DA03
CA09 18p
CA19 0.022
QA09
Q206
RA39 47k
RA40 10k
R226 47k
R227 10k
R325 4.7k
W502
(E,P) 6P
(A,N,T) 4P
C504 100/16V
C503 0.01
5.1V
AM IF
AM1 FM1
VDD1
VDD2
PD2 VSS
Q501
FM MW LW
ST OUT, DATA, CL CE ST RQ
C502 27p
X501
C501 27p
W501
J304
WX01
DX05
RX05 47k
QX01
0.8V 15.0V
14.5V 14.5V 14.5V 14.5V 0V 14.5V 15.0V
RX01 22k
DX01
DX02
DX03
SS14 (M1)
SS13 (M2)
SS12 (M3)
SS11 (M4)
SS10 (M5)
SS09 (M6)
SS08 (M7)
SS07 (M8)
SS03 (FM)
SS04 (MW)
SS01 (UP)
SS02 (DOWN)
SS15 (ME)
WX02
WX03
RX02 1.5k
R502 10k
Q502
R501 10k
DR13
CR05 1/50V
CR06 0.01
RR18 47k
RR19 47k
DR15
DR16
DR06
DR05
DR04
DR03
DR02
DR01
DR08 (E) ONLY
QR02 (E) ONLY
DR07 (N,A)
DR09
RR11 47k
RR10 47k
RR09 47k
RR08 47k
RR12 47k (E) ONLY
RR13 47k (E) ONLY
JR05
JR06

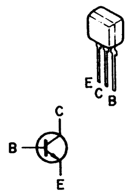


2SK55(D)

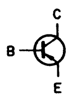


2SA608SP(F,G)

2SC536SP(F,G)
2SC829(C)
2SA933SLNetc.

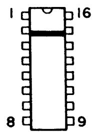


2SC2785 etc.



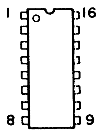
2SA1175(EFor FF)

TOP VIEW



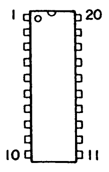
AN7470

TOP VIEW



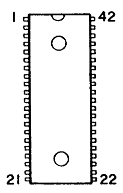
LA1231N

TOP VIEW



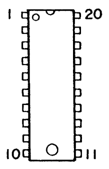
LA1245

TOP VIEW



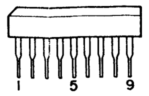
LC6502D-726

TOP VIEW



LM7000

SIDE VIEW



AN6875

QR01
HC10163030
LC6502D-726

QR03
HT30001000
2SC2785, ETC

Q502
HT10001000
2SA933SLN, ETC

QX01
HC10065020
AN6875

QA01
HF20055ID0
2SK55 (D)

QA03
HC10058030
LA1245

QA09, Q206, Q302, QR02
HT10001000
2SA608SP (F,G)
2SA1175 (F,E), ETC

Q201
HT308291C0
2SC829 (C)

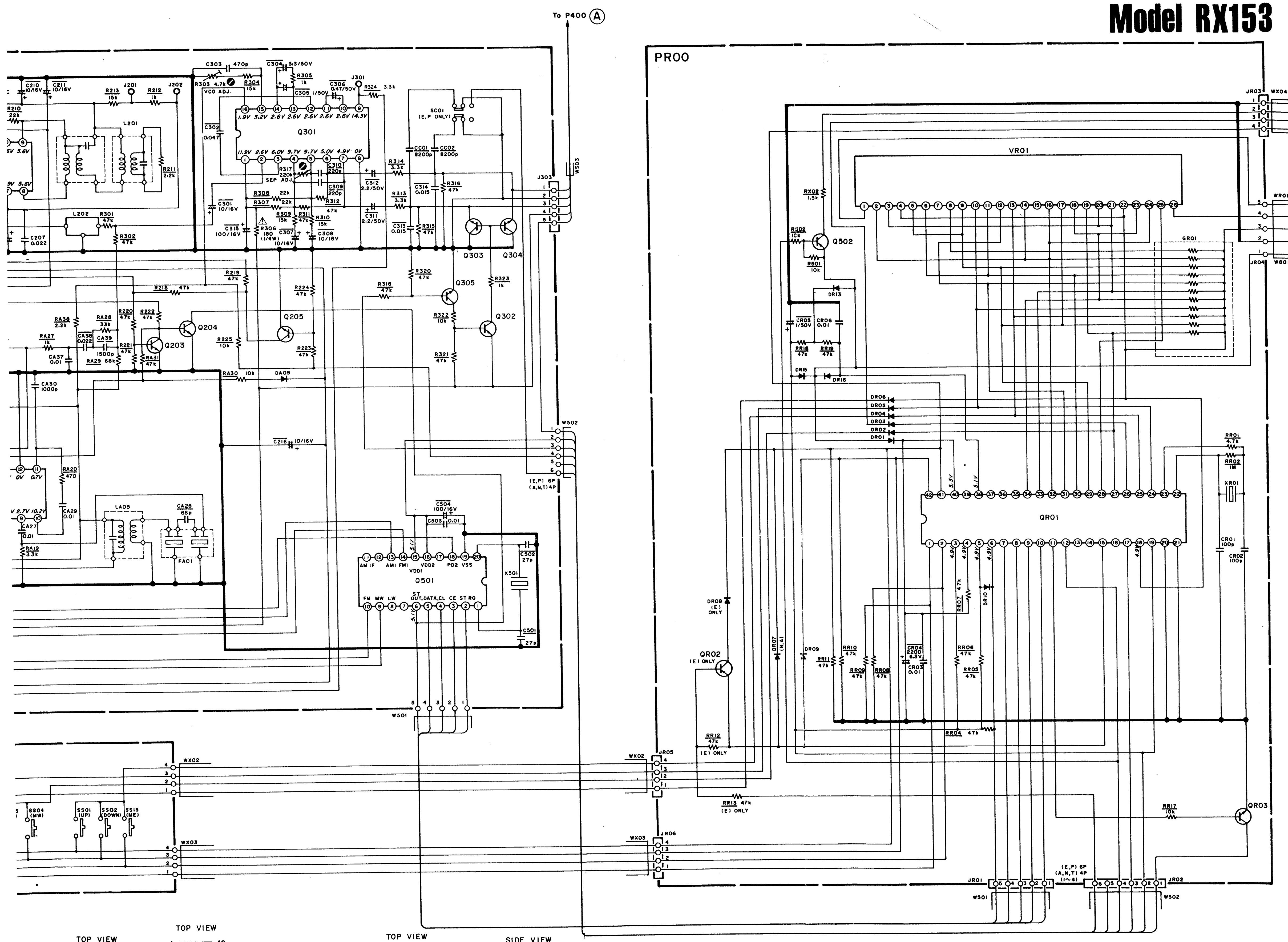
Q202
HC1002
LA1231

Q301
HC1004
AN747

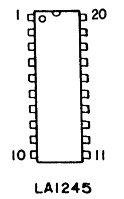
Q501
HC1016
LM700

Q203~
Q303~
HT3000
2SC536
2SC27

Model RX153

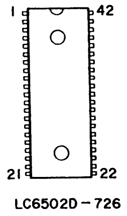

To P400 Ⓐ
PR00
PX50
VR01
GR01
QR01
Q301
Q501
Q502
QR02 (E) ONLY
QR03
Q203
Q204
Q205
Q302
Q303
Q304
Q305
J303
W502
W501
WX02
WX03
WX04
JR03
JR04
JR05
JR06
JR01
JR02
WR01
W801
X501
FA01
LA05
L201
L202
SC01 (E,P ONLY)
DX04
SS06
SS04 (MW)
SS01 (UP)
SS02 (DOWN)
SS15 (ME)
VCO ADJ.
SEP ADJ.
To P700 Ⓓ
(E,P) 6P (A,N,T) 4P

TOP VIEW



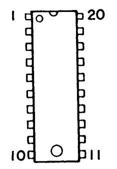
LA1245

TOP VIEW



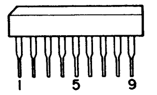
LC6502D-726

TOP VIEW



LM7000

SIDE VIEW



AN6875

F001	FS10063800	FUSE 630mA 250V
L001	TS16805010	POWER TRANSF. [N, A]
L001	TS16806030	POWER TRANSF. [E, P]
L051	LA00015020	ANT COIL LOOP
SS01		
≀	SP01010970	PUSH SWITCH TACT
SS04		
SS06		
≀	SP01010970	PUSH SWITCH TACT
SS15		
VR01	HQ30705060	DISPLAY UNIT
RE10		
≀	RS02540160	VARIABLE 250KΩ
RE14		
A101	AV01202130	V.H.F. TUNER FRONT END [E]
A101	AV01202180	V.H.F. TUNER FRONT END [N, A]
CA02	CT12000090	TRIMMING 20pF
LA01	LA10295140	ANT COIL MW
LA02	LO10013170	OSC COIL MW
LA05	LI10013210	I.F.T. AM
L201	LI20029040	I.F.T. FM DET
L202	LS10295030	M.P.X. COIL [N, A]
RA24	RA02230600	TRIMMING 22KΩ
R215	RA04730600	TRIMMING 47KΩ
R303	RA04720600	TRIMMING 4.7KΩ
R317	RA02240600	TRIMMING 220KΩ
X501	XI01150010	CRYSTAL 7.2MHz
SS51		
≀	SP01010970	PUSH SWITCH FUNCTION
SS55		
S001	SP01010660	PUSH SWITCH POWER
RG22	RX02040120	VARIABLE 200KΩ

QR01
HC10163030
LC6502D-726

QR03
HT30001000
2SC2785, ETC

Q502
HT10001000
2SA933SLN, ETC

QX01
HC10065020
AN6875

QA01
HF20055100
2SK55 (D)

QA03
HC10058030
LA1245

QA09, Q206, Q302, QR02
HT10001000
2SA608SP (F,G)
2SA1175 (F,E), ETC

Q201
HT30829100
2SC829 (C)

Q202
HC10028030
LA1231N

Q301
HC10046020
AN7470

Q501
HC10164030
LM7000

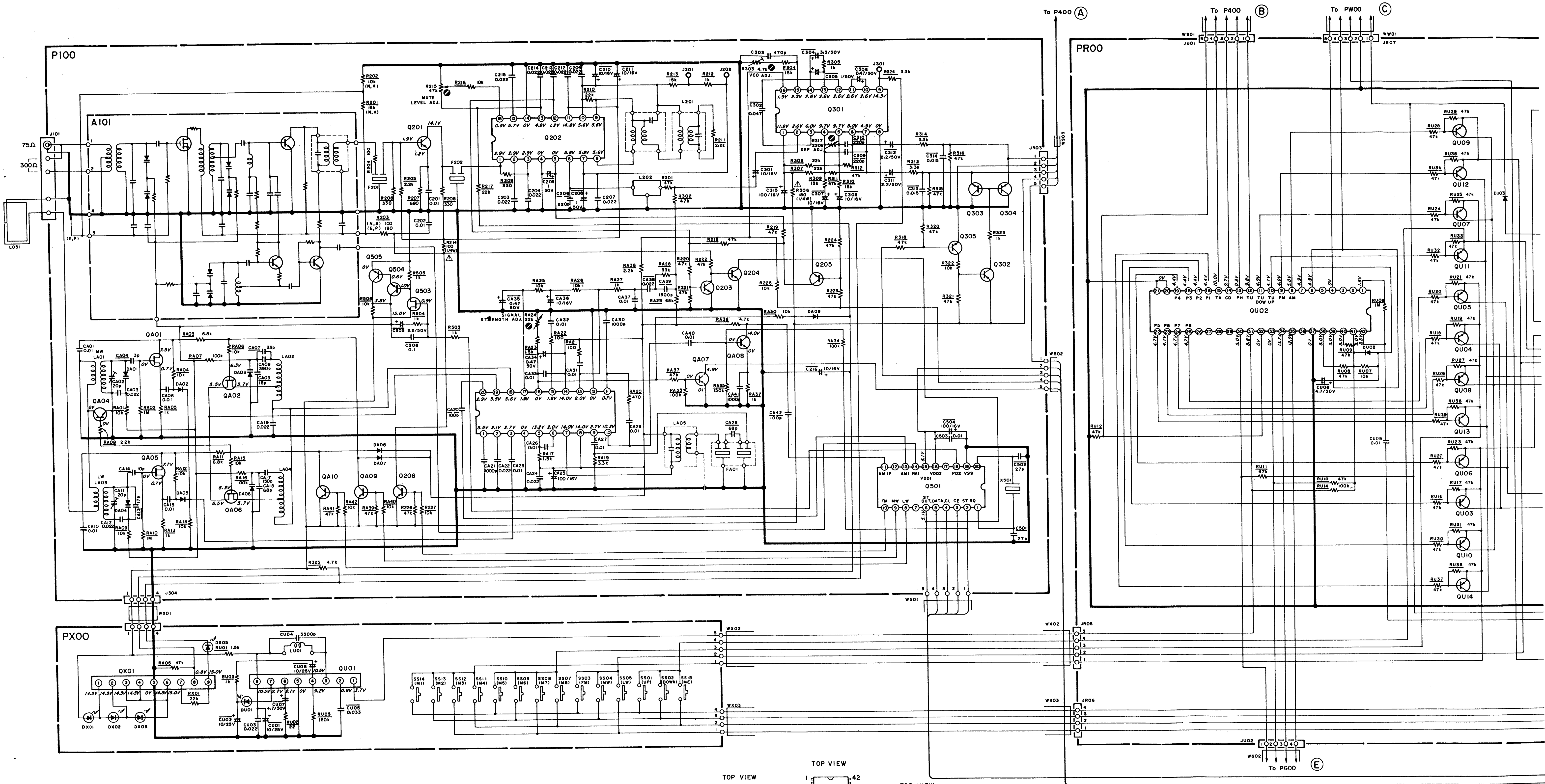
Q203～Q205, Q504
Q303～Q305, Q505
HT30001000
2SC536SP (F,G)
2SC2785 (F,E), ETC

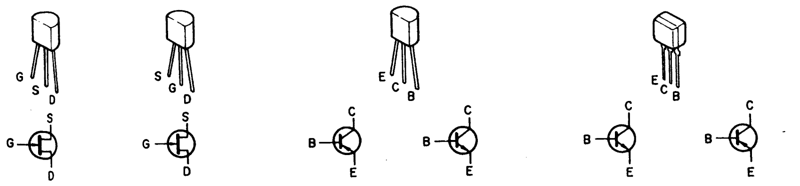
DX01～DX03, DX05
Hi10043020
LN210RP

DX04
Hi10039020
LN230RPP

DA01, DA03
HD40006030
SVC321SP

DR01～DR10
DR13, DR15, DR16, DA09
HD20015210
1SS133


To P400 Ⓐ
To P400 Ⓑ
To PW00 Ⓒ
To PG00 Ⓔ
P100
PR00
PX00
A101
J101
75Ω
300Ω
L051
(E, P)
MUTE LEVEL ADJ.
VCO ADJ.
SEP ADJ.
SIGNAL STRENGTH ADJ.
Q201
Q202
Q203
Q204
Q205
Q206
Q301
Q302
Q303
Q304
Q305
Q501
Q503
Q504
Q505
QA01
QA02
QA04
QA05
QA06
QA07
QA08
QA09
QA10
QU01
QU02
QU03
QU04
QU05
QU06
QU07
QU08
QU09
QU10
QU11
QU12
QU13
QU14
QX01
F201
F202
L201
L202
LA01
LA02
LA03
LA04
LA05
FA01
X501
DA01
DA02
DA03
DA04
DA05
DA06
DA07
DA08
DA09
DU01
DU02
DU03
DX01
DX02
DX03
DX05
LU01
J201
J202
J301
J303
J304
JU01
JU02
JR05
JR06
JR07
W301
W302
W303
W501
W502
WX01
WX02
WX03
WG02
WW01
SS01 (UP)
SS02 (DOWN)
SS03 (FM)
SS04 (MW)
SS05 (LW)
SS06 (M6)
SS07 (M8)
SS08 (M7)
SS09 (M6)
SS10 (M5)
SS11 (M4)
SS12 (M3)
SS13 (M2)
SS14 (M1)
SS15 (ME)
MW
LW
AM IF
AMI
FMI
VDD2
PD2
VSS
VDD1
FM
MW
LW
ST
OUT, DATA, CL
CE
ST RQ
P4
P3
P2
P1
TA
CD
PH
TU
TU DOW
TU UP
FM
AM
P5
P6
P7
P8


G
S
D
S
G
D
E
C
B
E
C
B
C
B
E

2SK55(D)

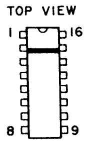
2SK30A(Y1)

2SA608SP(F, G)

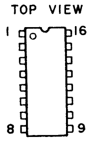
2SC536SP(F, G)
2SD655(E)
2SA933SLN etc.
2SC829(C)

2SC2785 etc.

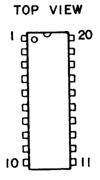
2SA1175(EF or FF)


TOP VIEW
1
16
8
9

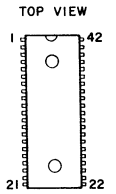
AN7470


TOP VIEW
1
16
8
9

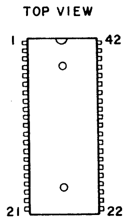
LA1231N


TOP VIEW
1
20
10
11

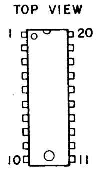
LA1245


TOP VIEW
1
42
21
22

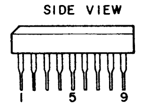
LC6502D-726


TOP VIEW
1
42
21
22

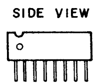
LM6402


TOP VIEW
1
20
10
11

LM7000


SIDE VIEW
1
5
9

AN6875


SIDE VIEW
1
8

µPC1373H

QR01
HC10163030
LC6502D-726

QR03, QR04
HT30001000
2SC2785, ETC

QU01
HC10071060
µPC1373H

QU02
HC10165030
LM6402

QU03 ~ QU14, Q502
HT10001000
2SA933SLN, ETC

QX01
HC10065020
AN6875

QA01, QA05
HF20055ID0
2SK55(D)

QA02, QA06
HF20030080
2SK30A Y1

QA03
HC10058030
LA1245

QA04
HT406551E0
2SD655(E)

QA09, QA10, Q206, Q302
HT10001000
2SA608SP(F,G), 2SA1175(F,E), ETC

Q201
HT308291C0
2SC829(C)

Q202
HC10028030
LA1231N

Q301
HC10046020
AN7470

Q501
HC10164030
LM7000

QA07, QA08, Q203 ~ Q205
Q303 ~ Q305, Q504, Q505
HT30001000
2SC536SP(F,G), 2SC2785(F,E), ETC

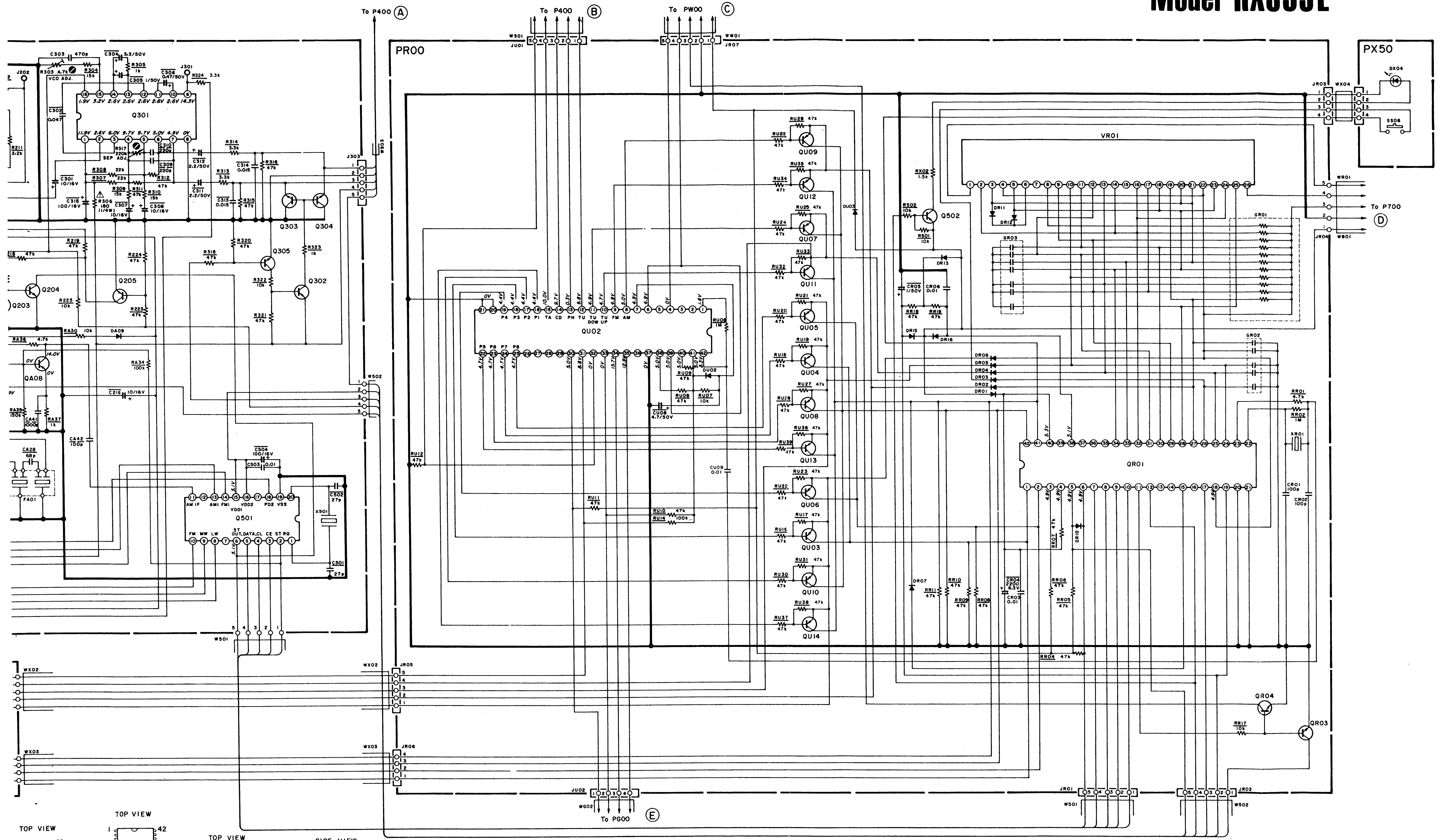
DUO
Hi6
PH3

DXO
HI1
LN2

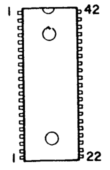
DXO
Hi1
LN2

DAO
HD4
SVO

Model RX353L

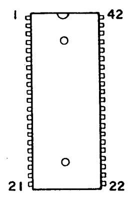

To P400 Ⓐ
To P400 Ⓑ
To PW00 Ⓒ
To P700 Ⓓ
To PG00 Ⓔ
PR00
PX50
Q301
Q501
QU02
QR01
VR01
QU09
QU12
QU07
QU11
QU05
QU04
QU08
QU13
QU06
QU03
QU10
QU14
Q502
QR03
QR04
Q303
Q304
Q305
Q302
Q205
Q204
Q203
QA08
X501
XR01
FA01
GR01
GR02
GR03
W501
W502
W503
WR01
WX02
WX03
WX04
WG02
J303
JR01
JR02
JR03
JR04
JR05
JR06
JR07
JU01
JU02
S506
DX04
VCO ADJ.
SEP ADJ.

TOP VIEW



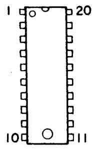
LC6502D-726

TOP VIEW



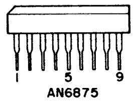
LM6402

TOP VIEW



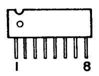
LM7000

SIDE VIEW



AN6875

SIDE VIEW



µPC1373H

QR01
HC10163030
LC6502D-726

QR03, QR04
HT30001000
2SC2785, ETC

QU01
HC10071060
µPC1373H

QU02
HC10165030
LM6402

QU03 ~ QU14, Q502
HT10001000
2SA933SLN, ETC

QX01
HC10065020
AN6875

QA01, QA05
HF20055ID0
2SK55 (D)

QA02, QA06
HF200300B0
2SK30A Y1

QA03
HC10058030
LA1245

QA04
HT406551E0
2SD655 (E)

QA09, QA10, Q206, Q302
HT10001000
2SA608SP (F,G), 2SA1175 (F,E), ETC

Q201
HT308291C0
2SC829 (C)

Q202
HC10028030
LA1231N

Q301
HC10046020
AN7470

Q501
HC10164030
LM7000

QA07, QA08, Q203 ~ Q205
Q303 ~ Q305, Q504, Q505
HT30001000
2SC536SP (F,G), 2SC2785 (F,E), ETC

DU01
Hi60001060
PH302

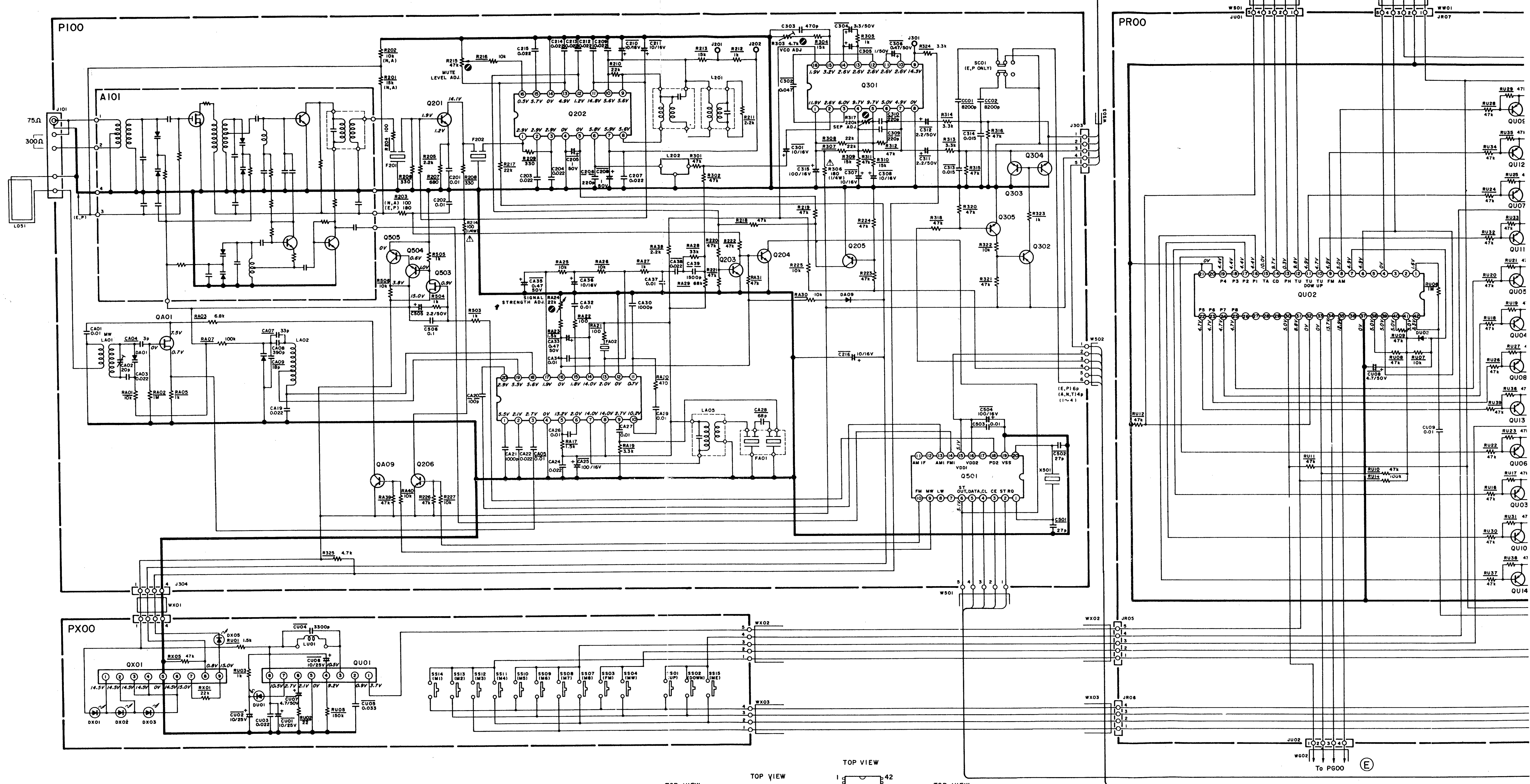
DX01 ~ DX03, DX05
Hi10043020
LN210RP

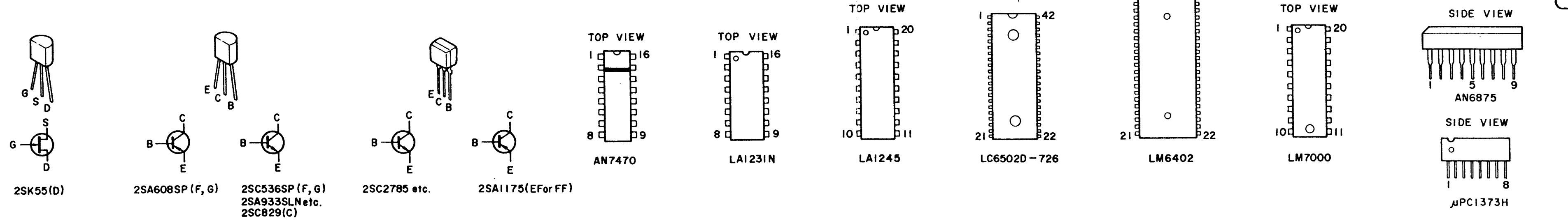
DX04
Hi10039020
LN230RPP

DA01, DA03, DA04, DA06
HD40006030
SVC321SP

DR01 ~ DR07, DR10 ~ DR16
DA02, DA05, DA07 ~ DA09, DU02, DU03
HD20015210
1SS133

11. SCHEMATIC DIAGRAM


P100
A101
PR00
PX00
To P400 Ⓐ
To P400 Ⓑ
To PW00 Ⓒ
To PG00 Ⓔ
75Ω
300Ω
J101
L051
Q201
Q202
Q203
Q204
Q205
Q206
Q301
Q302
Q303
Q304
Q305
Q501
Q503
Q504
Q505
QA01
QA09
QU02
QU01
QX01
F201
F202
L201
L202
LA01
LA02
LA05
FA01
X501
SC01 (E,P ONLY)
MUTE LEVEL ADJ.
VCO ADJ
SEP ADJ.
SIGNAL STRENGTH ADJ
J301
J303
J304
W502
W501
WX01
WX02
WX03
JR05
JR06
JU02
W602
WS01
JU01
WW01
JR07
SS14 (M1)
SS13 (M2)
SS12 (M3)
SS11 (M4)
SS10 (M5)
SS09 (M6)
SS08 (M7)
SS07 (M8)
SS03 (FM)
SS04 (MW)
S01 (UP)
SS02 (DOWN)
SS15 (ME)
DX01
DX02
DX03
DX05
DU01
(E,P) 16p (A,N,T) 14p (1~4)


S
G
D
2SK55(D)
E
C
B
2SA608SP(F,G)
2SC536SP(F,G)
2SA933SLN etc.
2SC829(C)
2SC2785 etc.
2SA1175(E or FF)
TOP VIEW
AN7470
LA1231N
LA1245
LC6502D-726
LM6402
LM7000
SIDE VIEW
AN6875
μPC1373H

QR01
HC10163030
LC6502D-726

QR03, QR04
HT30001000
2SC2785, ETC

QU01
HC10071060
μPC1373H

QU02
HC10165030
LM6402

QU03 ~ QU14, Q502
HT10001000
2SA933SLN, ETC

QX01
HC10065020
AN6875

QA01
HF20055ID0
2SK55 (D)

QA03
HC10058030
LA1245

QA09, QR02, Q206, Q302
HT10001000
2SA608SP (F,G), 2SA1175 (F,E), ETC

Q201
HT30829IC0
2SC829 (C)

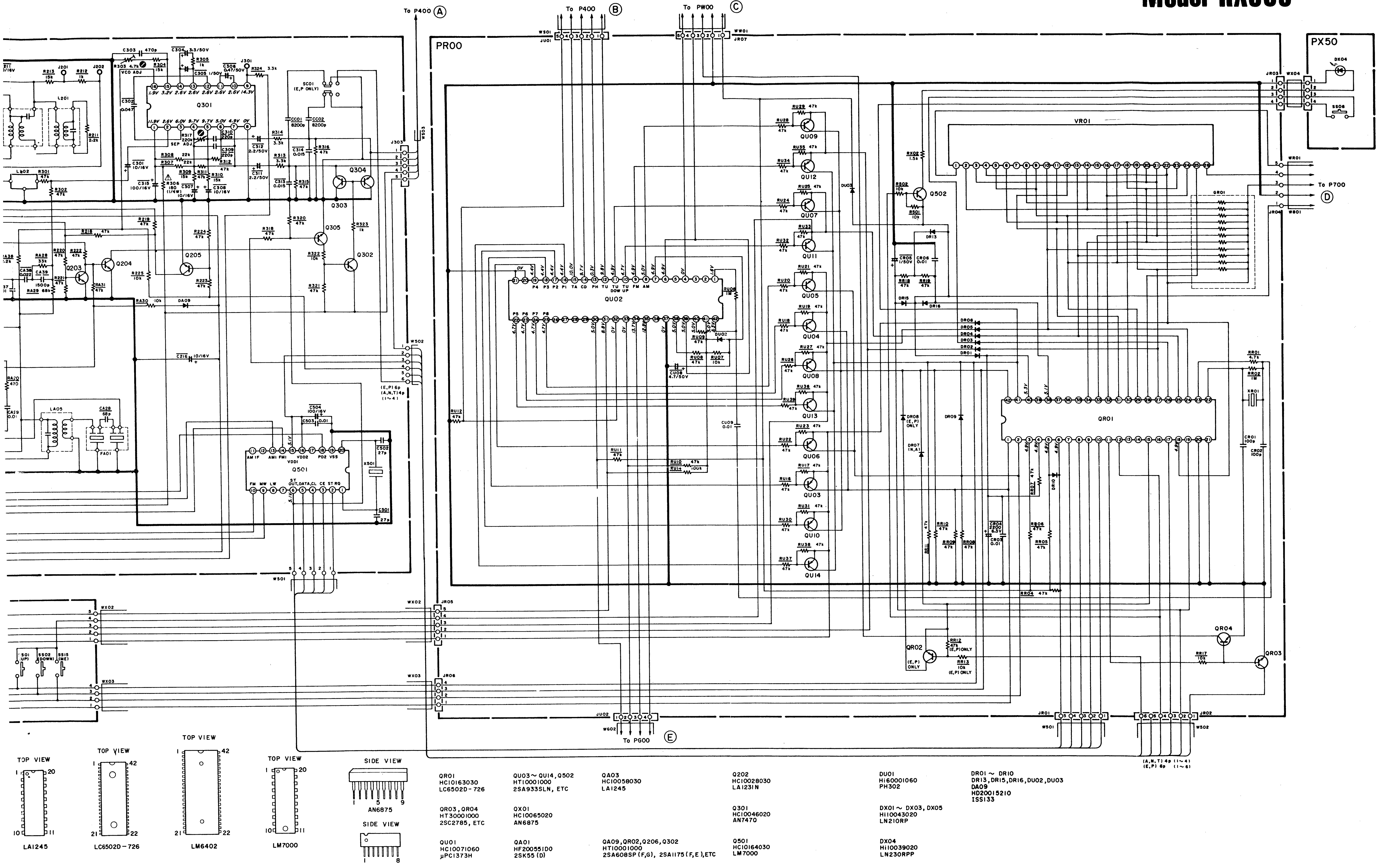
Q202
HC10028030
LA1231N

Q301
HC10046020
AN7470

Q501
HC10164030
LM7000

Q203 ~ Q205
Q303 ~ Q305, Q504, Q505
HT30001000
2SC536SP (F,G) , 2SC2785(F

Model RX353


To P400 Ⓐ
To P400 Ⓑ
To PW00 Ⓒ
To P700 Ⓓ
To PG00 Ⓔ
PR00
PX50
VR01
Q301
Q501
QU02
QR01
Q302
Q303
Q304
Q305
Q502
QR02
QR03
QR04
W502
(E,P) 6p
(A,N,T) 4p
(1～4)
(1～6)
TOP VIEW
LA1245
TOP VIEW
LC6502D-726
TOP VIEW
LM6402
TOP VIEW
LM7000
SIDE VIEW
AN6875
SIDE VIEW
μPC1373H

QR01
HC10163030
LC6502D-726

QR03, QR04
HT30001000
2SC2785, ETC

QU01
HC10071060
μPC1373H

QU02
HC10165030
LM6402

QU03 ～ QU14, Q502
HT10001000
2SA933SLN, ETC

QX01
HC10065020
AN6875

QA01
HF20055ID0
2SK55 (D)

QA03
HC10058030
LA1245

QA09, QR02, Q206, Q302
HT10001000
2SA608SP (F,G), 2SA1175 (F,E), ETC

Q201
HT308291C0
2SC829 (C)

Q202
HC10028030
LA1231N

Q301
HC10046020
AN7470

Q501
HC10164030
LM7000

Q203 ～ Q205
Q303 ～ Q305, Q504, Q505
HT30001000
2SC536SP (F,G), 2SC2785 (F,E), ETC

DU01
Hi60001060
PH302

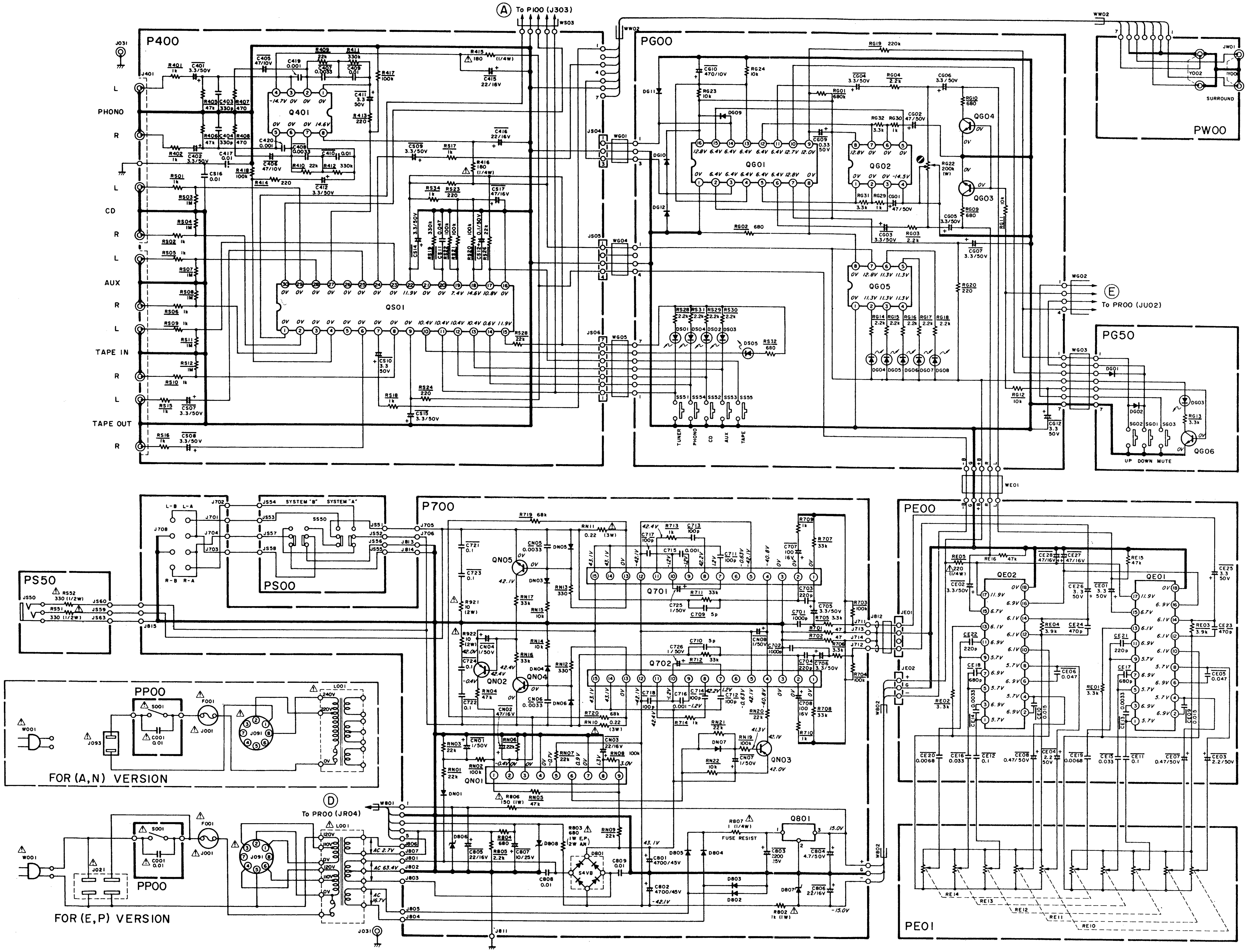
DX01 ～ DX03, DX05
Hi10043020
LN210RP

DX04
Hi10039020
LN230RPP

DA01, DA03
HD40006030
SVC321SP

DR01 ～ DR10
DR13, DR15, DR16, DU02, DU03
DA09
HD20015210
1SS133

Model RX253/RX253L


To P100 (J303)
P400
PHONO
CD
AUX
TAPE IN
TAPE OUT
Q401
QS01
PG00
QG01
QG02
QG03
QG04
QG05
PW00
SURROUND
To PROO (JU02)
PG50
UP
DOWN
MUTE
QG06
TUNER
PHONO
CD
AUX
TAPE
PS50
PS00
SYSTEM "B"
SYSTEM "A"
P700
Q701
Q702
QN01
QN02
QN03
QN04
QN05
PE00
QE01
QE02
PE01
PP00
FOR (A,N) VERSION
To PROO (JR04)
Q801
FUSE RESIST
PP00
FOR (E,P) VERSION

QN01
HC10042050
TA7317P

QN02, QN03
HT111752D0
2SA1175 (EF, FF)

QN04, QN05
HT32785200
2SC2785 (EF, FF)

Q701, Q702
HC10176030
STK4028V

Q801
HC38515090
NJM78M15

QS01
HC10168030
LC7818

Q401, QG02
HC10054210
BA4558

QE01, QE02
HC10052210
BA3812L

QG01
HC10085050
TC9153P

QG06
HT30001000
2SC2785 ETC

QG03, QG04
HT406551E0
2SD655E

QG05
HC10008370
TL489CP

DN01, D802 ~ D805
HD20016210
1SR35

DN03 ~ DN07, DG01
DG09 ~ DG12, DG02
HD20015210
1SS133

D801
HD20008290
S4VB - 20

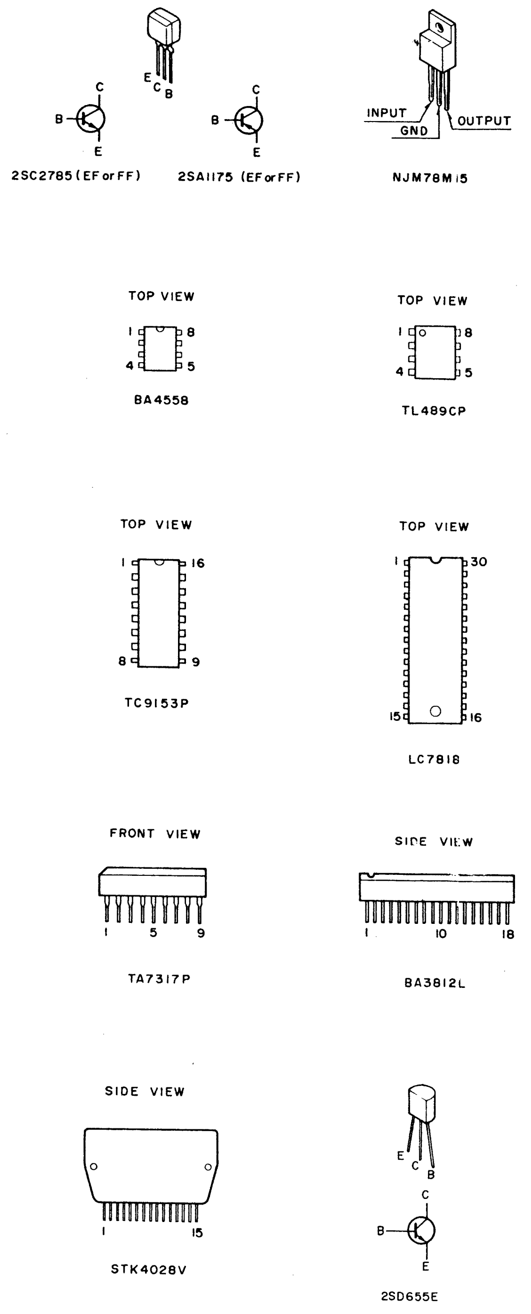
D806
HD30005020
MA1056M

D807
HD30012020
MA1150M

D808
HD30005020
MA1240M

DG03
Hi10060020
LN235RPH

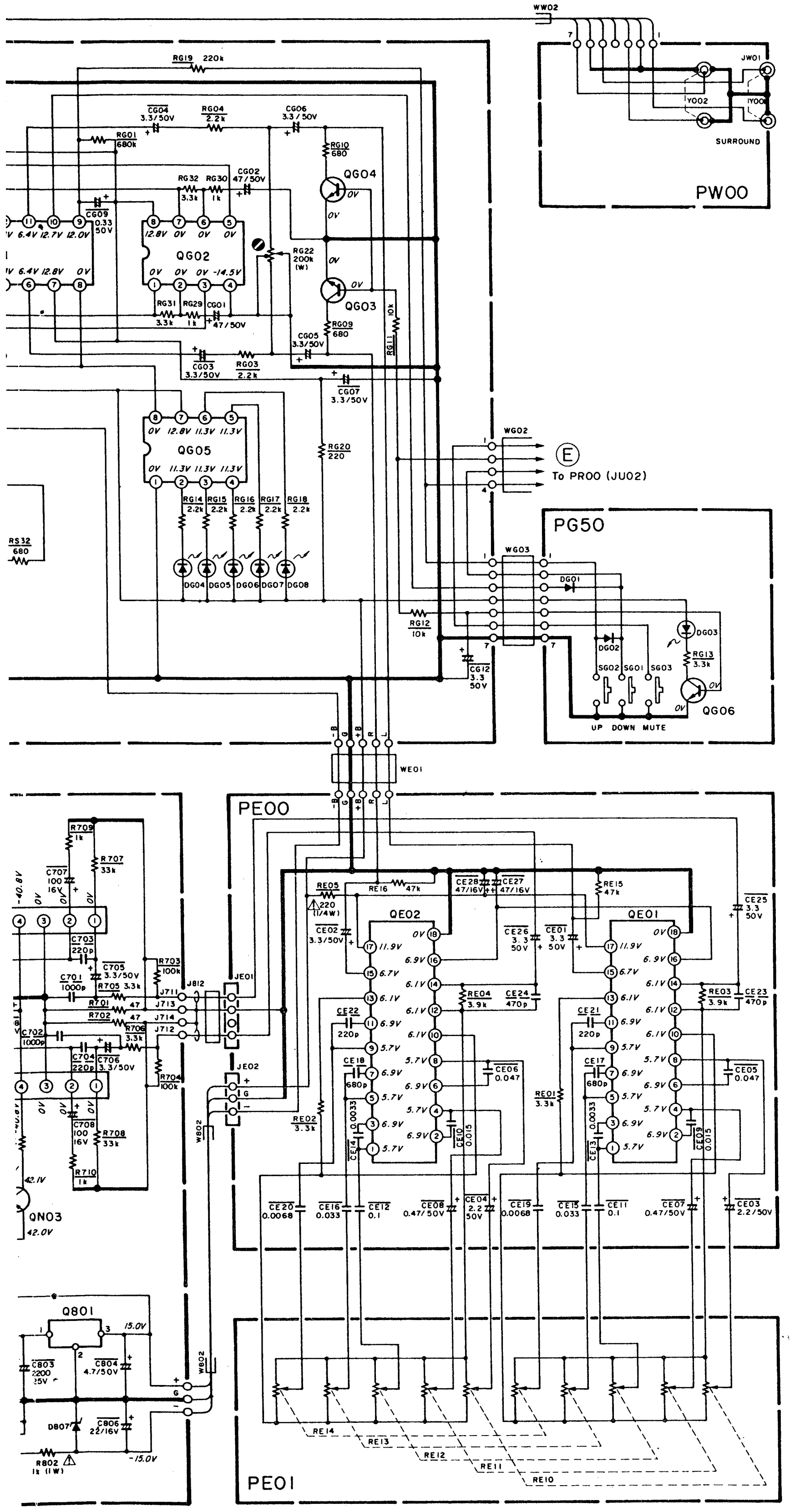
DG04 ~ DG08
DS01 ~ DS05
Hi10038030
SLP281F - 50U


2SC2785 (EF or FF)
2SA1175 (EF or FF)
NJM78M15
INPUT
GND
OUTPUT
TOP VIEW
BA4558
TOP VIEW
TL489CP
TOP VIEW
TC9153P
TOP VIEW
LC7818
FRONT VIEW
TA7317P
SIDE VIEW
BA3812L
SIDE VIEW
STK4028V
2SD655E

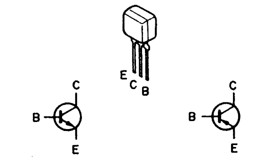
NOTE ON SAFETY :

**Symbol ⚠ Fire or electrical shock hazard. Only ori
should be used to replace any part marked with sy
Any other component substitution (other tha
type), may increase risk of fire or electrical sho**

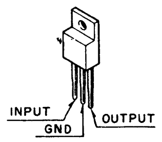
Model RX253/RX253L


WW02
JW01
Y002
Y003
SURROUND
PW00
RG19 220k
CG04 3.3/50V
RG04 2.2k
CG06 3.3/50V
RG01 680k
RG10 680
QG04
QG02
QG03
RG22 200k
RG09 680
RG11 10k
CG05 3.3/50V
CG03 3.3/50V
RG03 2.2k
CG07 3.3/50V
QG05
RG20 220
WG02
E
To PR00 (JU02)
PG50
WG03
DG01
DG02
DG03
SG02
SG01
SG03
RG13 3.3k
QG06
UP DOWN MUTE
RG12 10k
CG12 3.3 50V
DG04 DG05 DG06 DG07 DG08
RS32 680
WE01
PE00
QE02
QE01
RE05 220 1/4W
RE16 47k
CE28 47/16V
CE27 47/16V
RE15 47k
CE25 3.3 50V
CE26 3.3 50V
CE01 3.3 50V
RE04 3.9k
CE24 470p
RE03 3.9k
CE23 470p
CE22 220p
CE21 220p
CE18 680p
CE17 680p
CE06 0.047
CE05 0.047
RE01 3.3k
RE02 3.3k
JE01
JE02
JB12
R709
R707 33k
C707 100 16V
C703 220p
C705 3.3/50V
R705 3.3k
R703 100k
C701 1000p
J711
J713
J714
J712
R701
R702
R706
C702 1000p
C704 220p
C706 3.3/50V
R704 100k
C708 100 16V
R708 33k
R710 1k
QN03
42.0V
CE20 0.0068
CE16 0.033
CE12 0.1
CE08 0.47/50V
CE04 2.2 50V
CE19 0.0068
CE15 0.033
CE11 0.1
CE07 0.47/50V
CE03 2.2/50V
Q801
15.0V
C803 2200 25V
C804 4.7/50V
D807
C805 22/16V
-15.0V
R802 1k (1W)
WB02
PE01
RE14
RE13
RE12
RE11
RE10

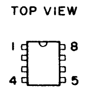
QN01	HC10042050	TA7317P
QN02, QN03	HT111752D0	2SA1175 (EF, FF)
QN04, QN05	HT327852D0	2SC2785 (EF, FF)
Q701, Q702	HC10176030	STK4028V
Q801	HC38515090	NJM78M15
QS01	HC10168030	LC7818
Q401, QG02	HC10054210	BA4558
QE01, QE02	HC10052210	BA3812L
QG01	HC10085050	TC9153P
QG06	HT30001000	2SC2785 ETC
QG03, QG04	HT406551E0	2SD655E
QG05	HC10008370	TL489CP
DN01, D802 ~ D805	HD20016210	ISR35
DN03 ~ DN07, DG01 DG09 ~ DG12 ,DG02	HD20015210	ISS133
D801	HD20008290	S4VB - 20
D806	HD30005020	MA1056M
D807	HD30012020	MA1150M
D808	HD30005020	MA1240M
DG03	Hi10060020	LN235RPH
DG04 ~ DG08 DS01 ~ DS05	Hi10038030	SLP281F - 50U



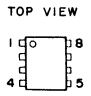
2SC2785 (EF or FF)   2SA1175 (EF or FF)


INPUT
GND
OUTPUT

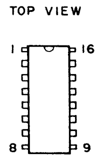
NJM78M15


TOP VIEW
1
8
4
5

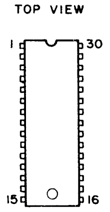
BA4558


TOP VIEW
1
8
4
5

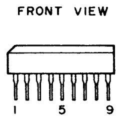
TL489CP


TOP VIEW
1
16
8
9

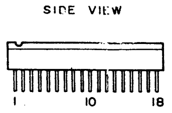
TC9153P


TOP VIEW
1
30
15
16

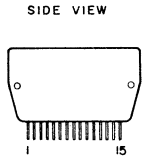
LC7818


FRONT VIEW
1
5
9

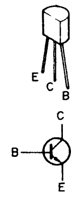
TA7317P


SIDE VIEW
1
10
18

BA3812L


SIDE VIEW
1
15

STK4028V



2SD655E

"SERVICE INFORMATION IS FOR USE BY QUALIFIED RERSONNEL ONLY – ANY MISADJUSTMENT OR MISALIGNMENT MAY BE TREATED AS A NON-WARRANTY REPAIR BY ANY MARANTZ SERVICE CENTRE –"

Kind of Common Parts

RESISTOR

R*** (1) GD05 - - - 140, Carbon film fixed resistor, ±5% 1/4W
R*** (2) GD05 - - - 160, Carbon film fixed resistor, ±5% 1/6W

C*** : **CERAMIC CAP.**
(1) DD1 - - - - 370, Ceramic condenser,
disc type (titan condenser)
Temp. coeff. P350 ~ N1000 50V

C*** : **CERAMIC CAP.**
(1) DK16 - - - 300, High dielectric constant ceramic condenser,
disc type (titan variable)
Temp. chara. 2B4 50V

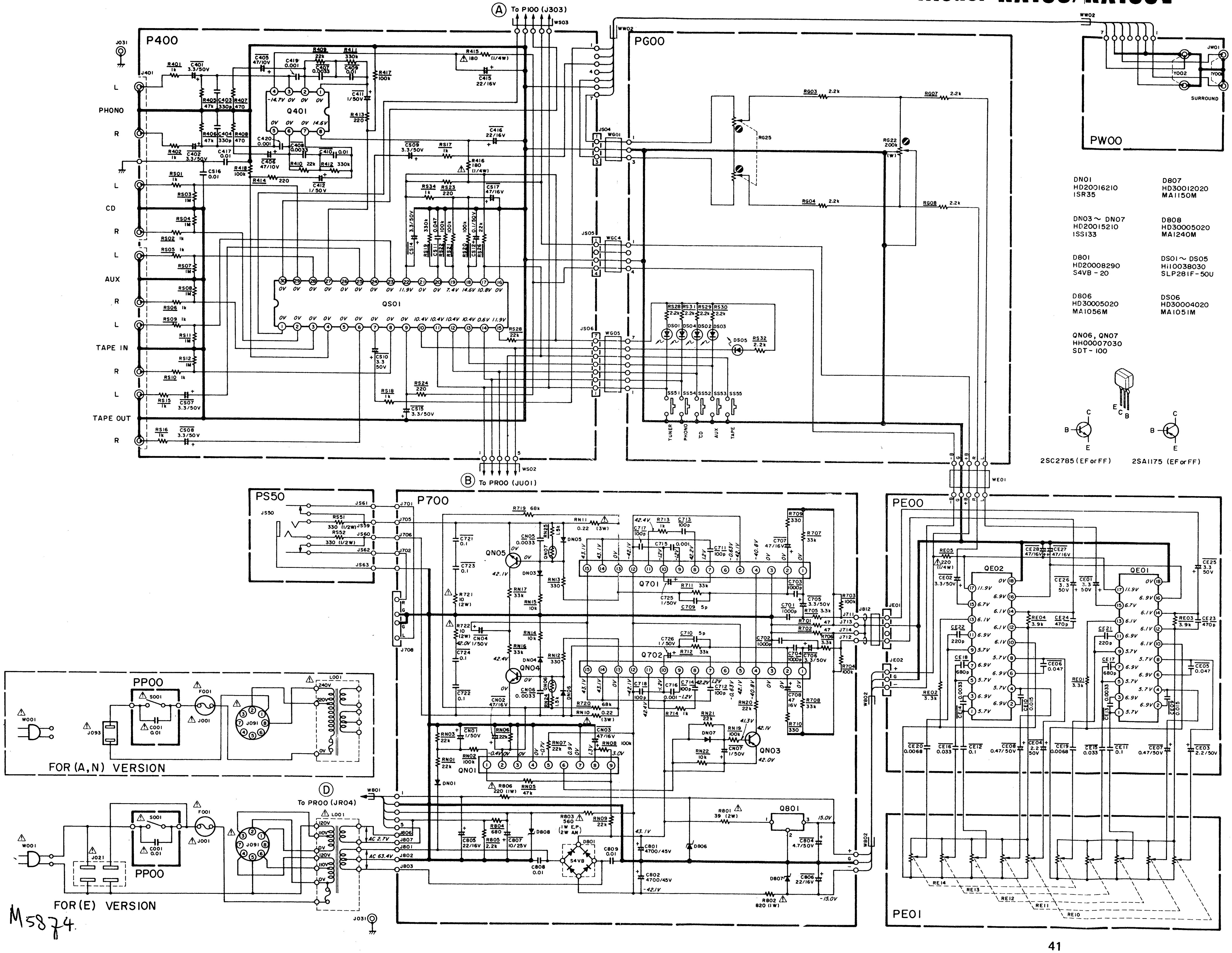
C*** : **ELECTROLY CAP. (⊥̸) / FILM CAP. (⊥)**
(1) EA - - - - - - 10, Electrolytic condenser,
one-way lead type, tolerance ±20%
(2) DF15 - - - 350, Plastic film condenser,
one-way type, Mylar, ±5% 50V

*In case of ordering the common parts, please establish the correct parts number of 10 figures by the procedure "ASSIGNMENT OF COMMON PARTS CODES"

NOTE ON SAFETY :
Symbol ⚠ Fire or electrical shock hazard. Only original parts should be used to replace any part marked with symbol ⚠. Any other component substitution (other than original type), may increase risk of fire or electrical shock hazard.

Components and wiring are subject to change for modification without notice.

Model RX153/RX153L


To P100 (J303)
To PR00 (JU01)
To PR00 (JR04)
P400
PG00
PW00
PS50
P700
PE00
PE01
PP00
PHONO
CD
AUX
TAPE IN
TAPE OUT
L
R
SURROUND
TUNER
PHONO
CD
AUX
TAPE
Q401
QS01
Q701
Q702
QN01
QN03
QN04
QN05
Q801
QE01
QE02
FOR (A,N) VERSION
FOR(E) VERSION
2SC2785 (EF or FF)
2SA1175 (EF or FF)

DN01
HD20016210
1SR35

DN03 ~ DN07
HD20015210
1SS133

D801
HD20008290
S4VB - 20

D806
HD30005020
MA1056M

QN06, QN07
HH00007030
SDT - 100

D807
HD30012020
MA1150M

D808
HD30005020
MA1240M

DS01 ~ DS05
Hi10038030
SLP281F-50U

DS06
HD30004020
MA1051M

QN01
HC10042050
TA7317P

QN03
HT111752D0
2SA1175 (EF, FF)

QN04, QN05
HT327852D0
2SC2785 (EF, FF)

Q701, Q702
HC10176030
STK4028V

Q801
HC38515090
NJM78M15

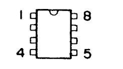
QS01
HC10168030
LC7818

Q401
HC10054210
BA4558

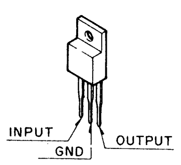
QE01, QE02
HC10052210
BA3812L

QG06
HT30001000
2SC2785 ETC

TOP VIEW

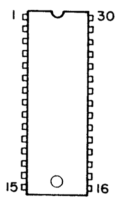


BA4558


INPUT
GND
OUTPUT

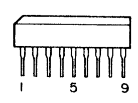
NJM78M15

TOP VIEW



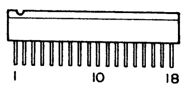
LC7818

FRONT VIEW



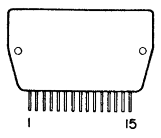
TA7317P

SIDE VIEW



BA3812L

SIDE VIEW



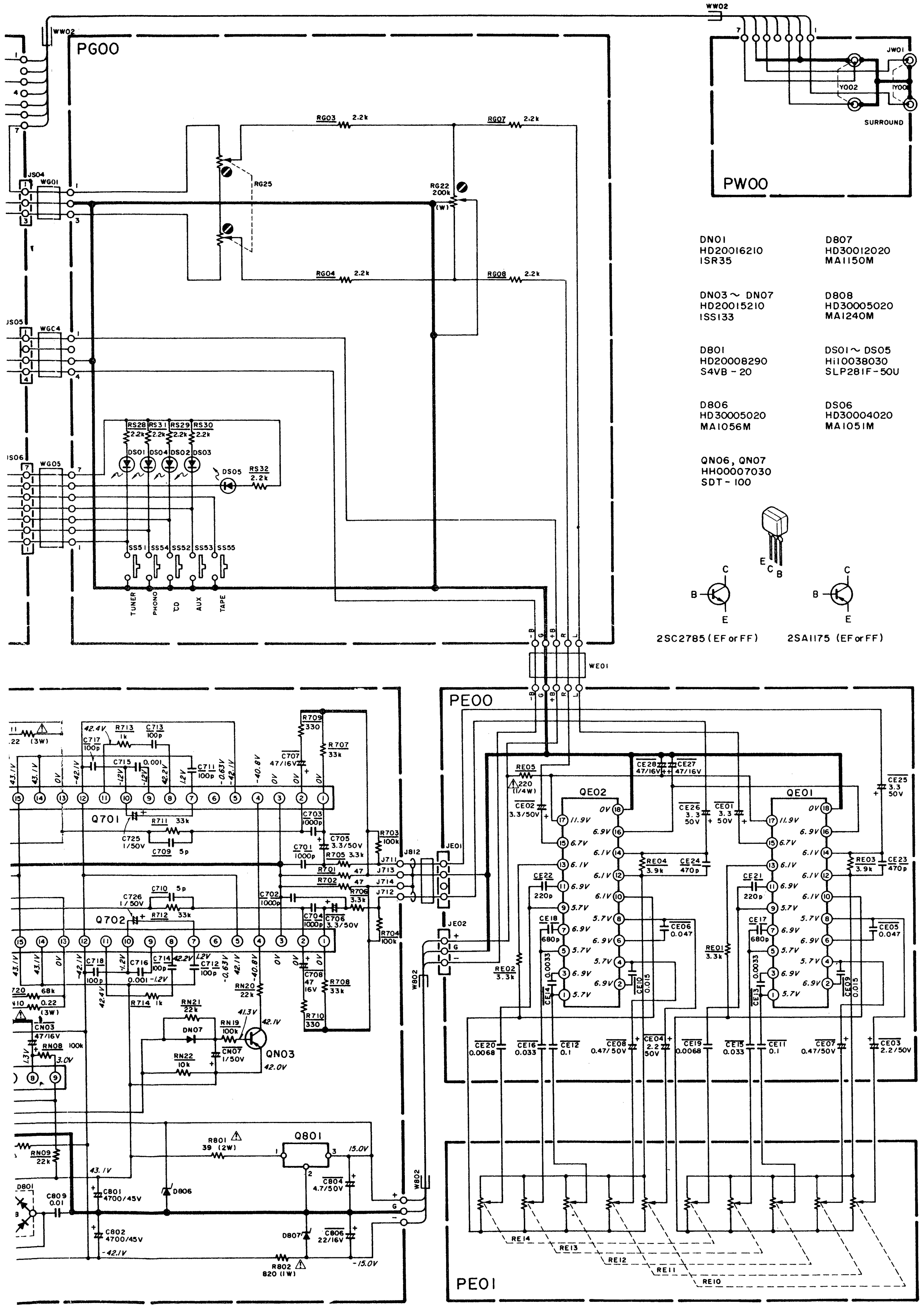
STK4028V

NOTE ON SAFETY :

Symbol ⚠ Fire or electrical shoc
should be used to replace any pa
Any other component substitu
type), may increase risk of fire

M5874.

Model RX153/RX153L


WW02
PG00
PW00
JW01
Y002
SURROUND
WG01
WGC4
WG05
JS04
JS05
JS06
RG03 2.2k
RG07 2.2k
RG04 2.2k
RG08 2.2k
RG25
RG22 200k
RS28
RS31
RS29
RS30
DS01
DS04
DS02
DS03
DS05
RS32 2.2k
SS51
SS54
SS52
SS53
SS55
TUNER
PHONO
CD
AUX
TAPE
WE01
PE00
QE02
QE01
Q701
Q702
QN03
Q801
JE01
JE02
J812
WB02
PE01
RE14
RE13
RE12
RE11
RE10
R801 39 (2W)
R802 820 (1W)
C801 4700/45V
C802 4700/45V
D806
D807
C804 4.7/50V
C806 22/16V
15.0V
-15.0V
43.1V
-42.1V
B
C
E
2SC2785 (EF or FF)
2SA1175 (EF or FF)

QN01
HC10042050
TA7317P

QN03
HT111752D0
2SA1175 (EF, FF)

QN04, QN05
HT327852D0
2SC2785 (EF, FF)

Q701, Q702
HC10176030
STK4028V

DN01
HD20016210
1SR35

D807
HD30012020
MA1150M

Q801
HC38515090
NJM78M15

DN03 ~ DN07
HD20015210
1SS133

D808
HD30005020
MA1240M

QS01
HC10168030
LC7818

D801
HD20008290
S4VB - 20

DS01 ~ DS05
Hi10038030
SLP281F-50U

Q401
HC10054210
BA4558

D806
HD30005020
MA1056M

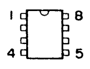
DS06
HD30004020
MA1051M

QE01, QE02
HC10052210
BA3812L

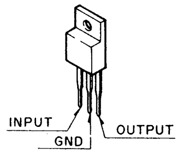
QN06, QN07
HH00007030
SDT - 100

QG06
HT30001000
2SC2785 ETC

TOP VIEW

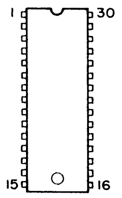


BA4558


INPUT
GND
OUTPUT

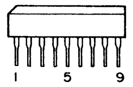
NJM78M15

TOP VIEW



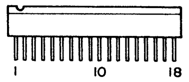
LC7818

FRONT VIEW



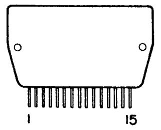
TA7317P

SIDE VIEW



BA3812L

SIDE VIEW



STK4028V

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